



EMTEK®
ASSA ABLOY

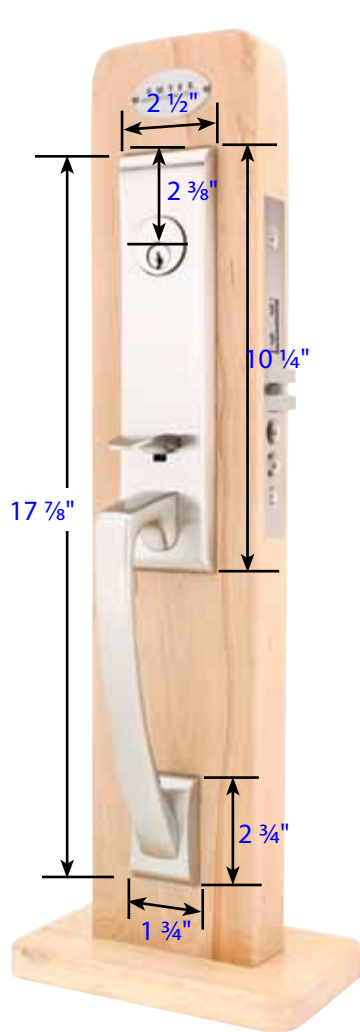
TECHNICAL MANUAL

ASSA ABLOY, is the global leader in door opening solutions

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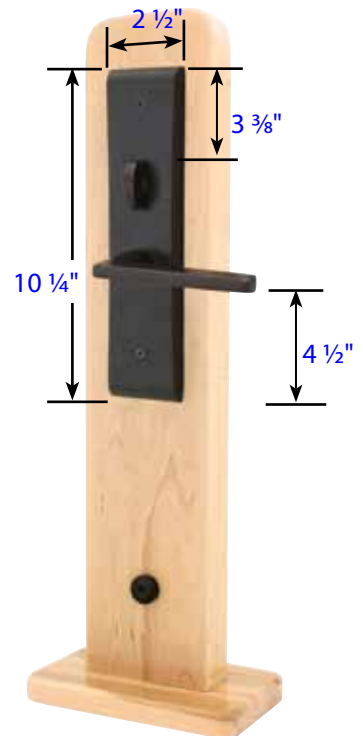
BRASS MORTISE ENTRANCE HANDLESETS



Artemis Trim Style
Part # 3344



Hera Trim Style
Part # 3345



Standard interior trim
Part # 3344 & 3345

Additional Dimensions: (Part# 3344)

- Exterior Projection is 2 3/4"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is 2 1/4"
- Plates thickness: 1/2"

Additional Dimensions: (Part# 3345)

- Exterior Projection is 2 3/4"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is 1 3/4"
- Plates thickness: 1/2"

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

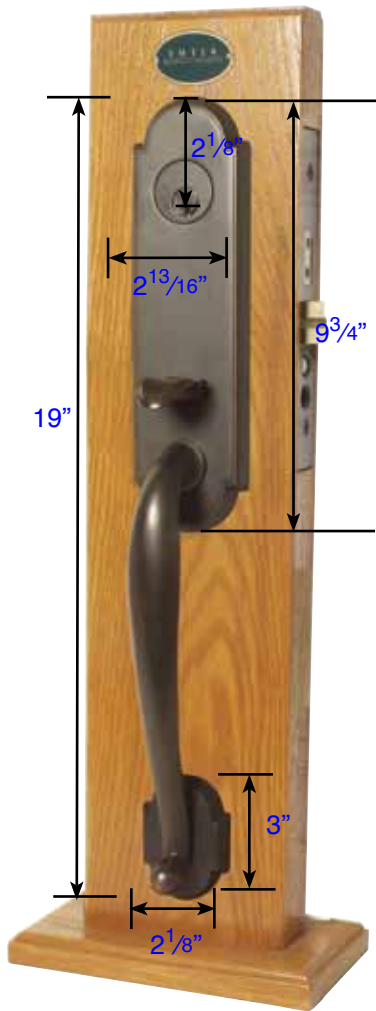
- Standard Door Thickness: 1 3/4" - 2"
- Standard Components:
 - 1 1/2" Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - 1 1/2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
 - 1 3/4" Threaded Cylinder
 - 2" Long Spindle
 - 2 1/2" Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

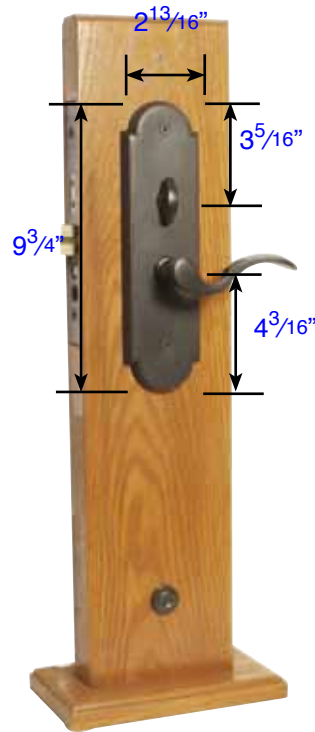
- **Extended** Door Thickness: 2 1/2" - 2 3/4"
- Extended Components:
 - 1 3/4" Threaded Cylinder
 - 2 1/4" Long Spindle
 - 2 1/2" Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

BRASS MORTISE ENTRANCE HANDLESETS



Charleston Trim Style
Part # 3343



Standard interior trim
Part # 3343

Additional Dimensions: (Part # 3343)

- Exterior Projection is $2\frac{3}{4}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{4}$ "
- Clearance between door & grip is 2"
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
- $1\frac{1}{2}$ " Threaded Cylinder
- 2" Long Spindle
- 2" Top Rosette Screw
- $1\frac{1}{2}$ " Bottom Rosette Screw
- Thumbpress
- Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- 2" Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Thumbpress
- Strikeplate

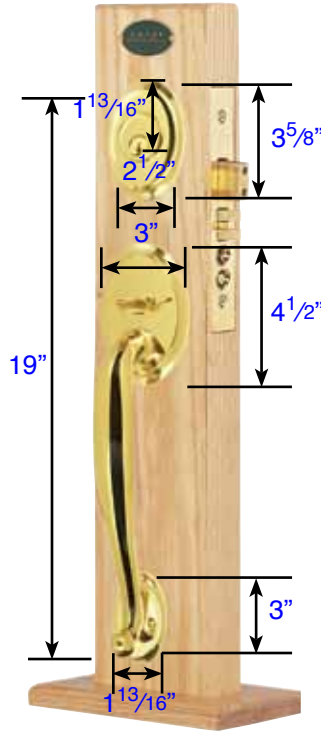
- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- $2\frac{1}{4}$ " Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Extended Thumbpress
- Extended Strikeplate

- Same dimensions for dummy function

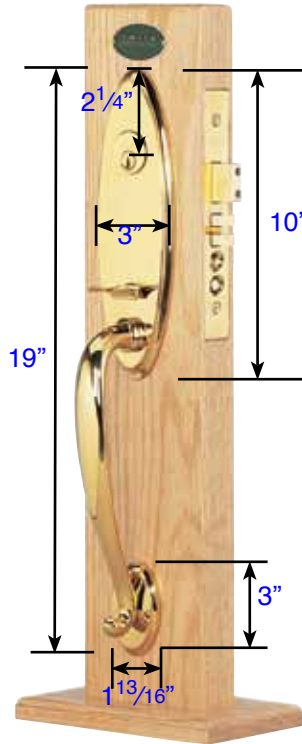
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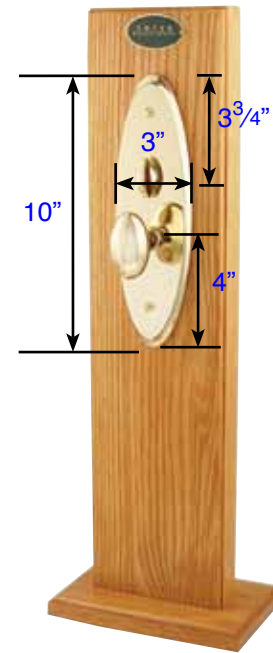
BRASS MORTISE ENTRANCE HANDLESETS



Salem Trim Style
Part # 3301



Memphis Trim Style
Part # 3302



Standard interior trim
Part # 3301/3302

Additional Dimensions: (Part # 3301 & 3302)

- Exterior Projection is $2\frac{3}{4}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{4}$ "
- Clearance between door & grip is 2"
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

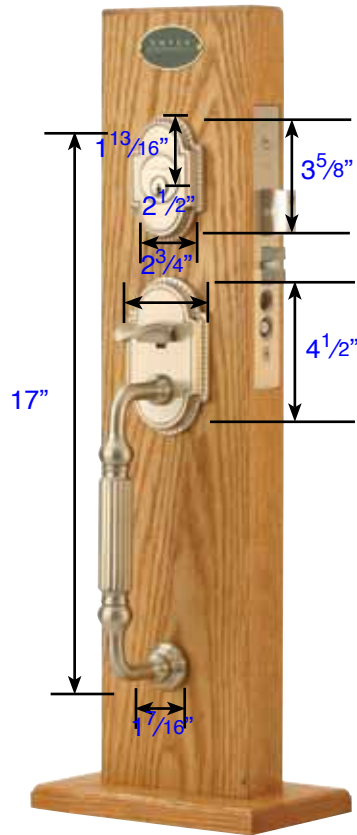
- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
- $1\frac{3}{8}$ " Threaded Cylinder
- 2" Long Spindle
- 2" Top Rosette Screw
- $1\frac{1}{2}$ " Bottom Rosette Screw
- Thumbpress
- Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
- $1\frac{1}{2}$ " Threaded Cylinder
- 2" Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Thumbpress
- Strikeplate

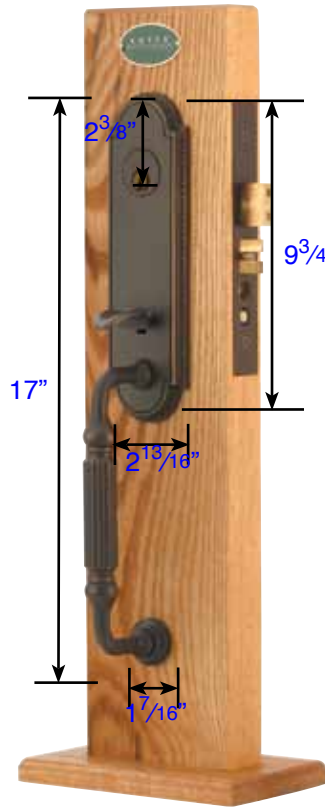
- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- $2\frac{1}{4}$ " Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Extended Thumbpress
- Extended Strikeplate

- Same dimensions for dummy function

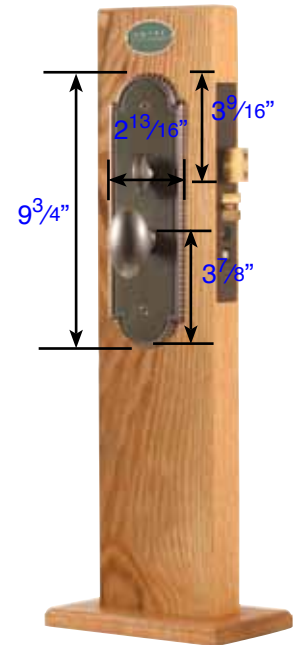
BRASS MORTISE ENTRANCE HANDLESETS



Jackson Trim Style
Part # 3303



Hamilton Trim Style
Part # 3304



Standard interior trim
Part # 3303/3304

Additional Dimensions: (Part # 3303 & 3304)

- Exterior Projection is $2\frac{7}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{4}$ "
- Clearance between door & grip is $1\frac{1}{2}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
- $1\frac{1}{2}$ " Threaded Cylinder
- 2" Long Spindle
- 2" Top Rosette Screw
- $1\frac{1}{2}$ " Bottom Rosette Screw
- Thumbpress
- Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- 2" Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Thumbpress
- Strikeplate

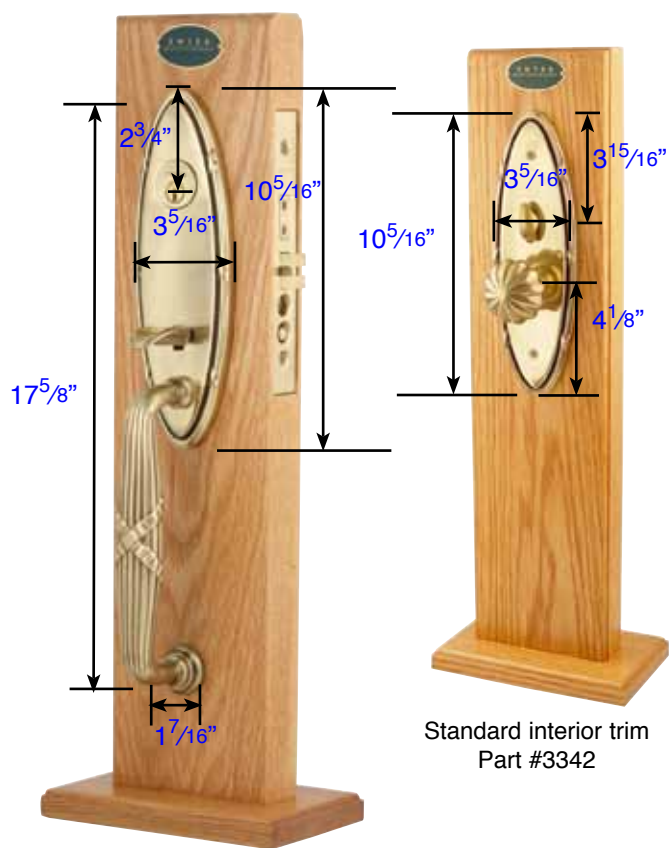
- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- $2\frac{1}{4}$ " Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Extended Thumbpress
- Extended Strikeplate

- Same dimensions for dummy function

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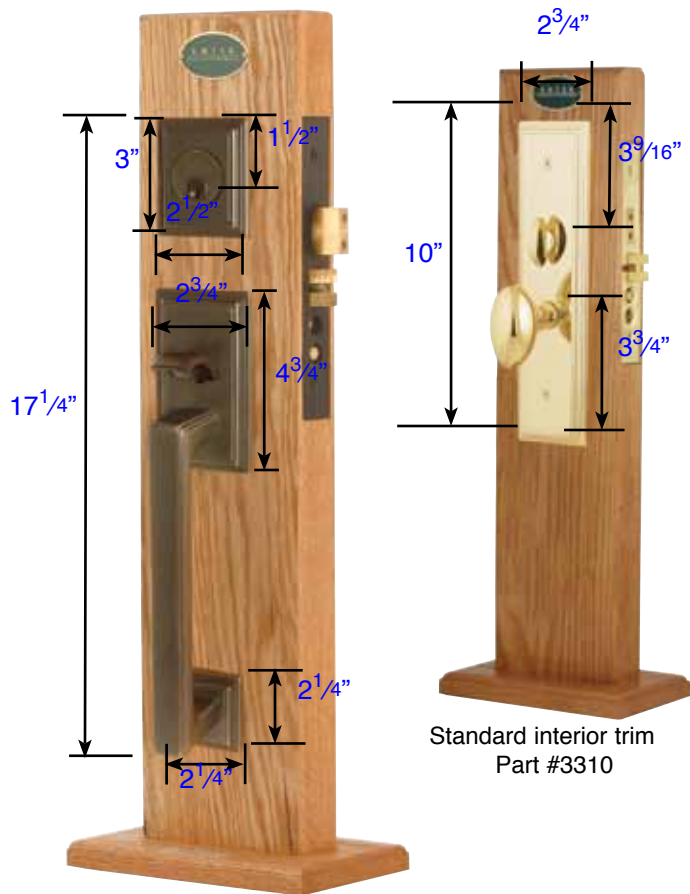
BRASS MORTISE ENTRANCE HANDLESETS



Oval Ribbon & Reed Mortise Trim
Part #3342

Additional Dimensions: (Part # 3342)

- Exterior Projection is $2\frac{3}{4}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{3}{8}$ "
- Clearance between door & grip is $1\frac{9}{16}$ "
- Plates thickness: $\frac{1}{2}$ "



Mills Trim
Part #3310

Additional Dimensions: (Part # 3310)

- Exterior Projection is $2\frac{5}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is $1\frac{3}{8}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

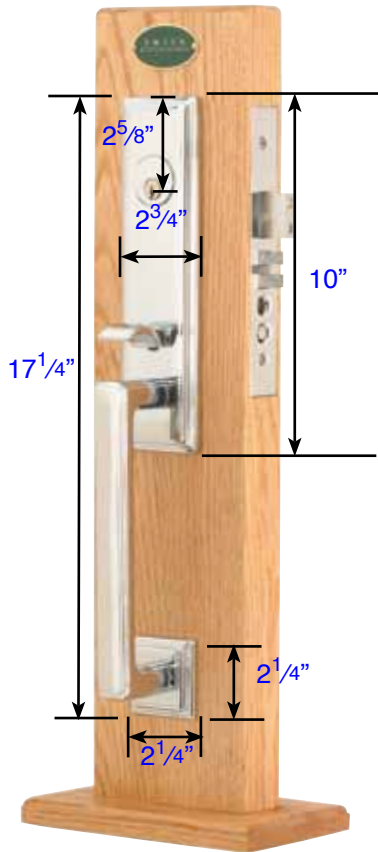
- Standard Door Thickness: $1\frac{3}{4}$ "- 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2"- $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

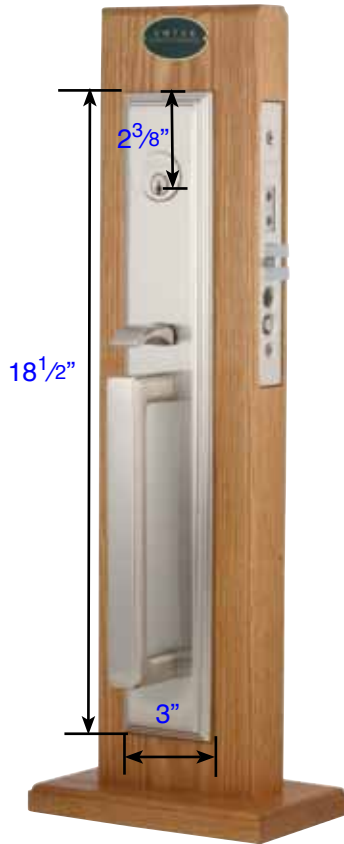
- **Extended** Door Thickness: $2\frac{1}{2}$ "- $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

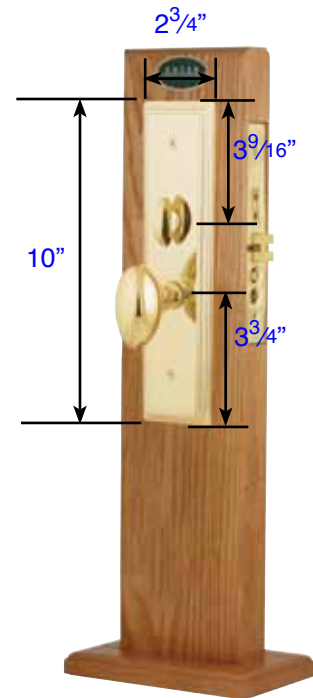
BRASS MORTISE ENTRANCE HANDLESETS



Manhattan Trim Style
Part # 3306



Melrose Mortise Trim Style
Part # 3305



Standard interior trim
Part # 3306/3305

Additional Dimensions: (Part # 3306 & 3305)

- Exterior Projection is $2\frac{5}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is $1\frac{3}{8}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

- Standard Door Thickness: $1\frac{3}{4}$ "- 2"
- Standard Components:
- $1\frac{1}{2}$ " Threaded Cylinder
- 2" Long Spindle
- 2" Top Rosette Screw
- $1\frac{1}{2}$ " Bottom Rosette Screw
- Thumbpress
- Strikeplate

- **Extended** Door Thickness: 2"- $2\frac{1}{2}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- 2" Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Thumbpress
- Strikeplate

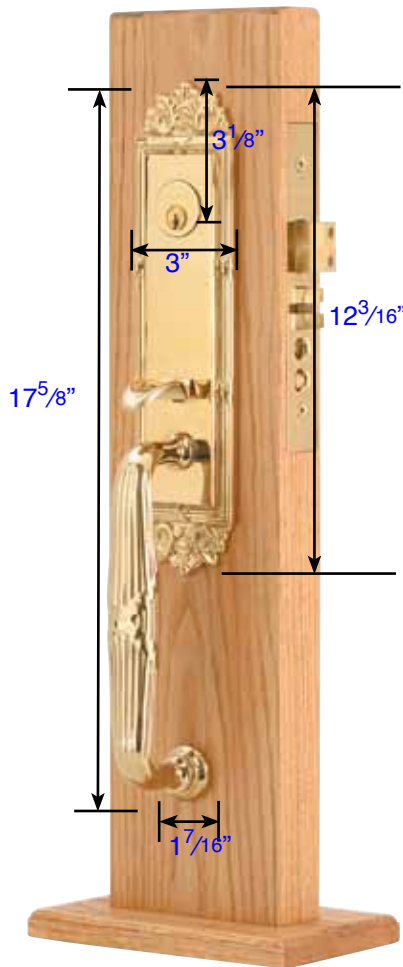
- **Extended** Door Thickness: $2\frac{1}{2}$ "- $2\frac{3}{4}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- $2\frac{1}{4}$ " Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Extended Thumbpress
- Extended Strikeplate

- Same dimensions for dummy function

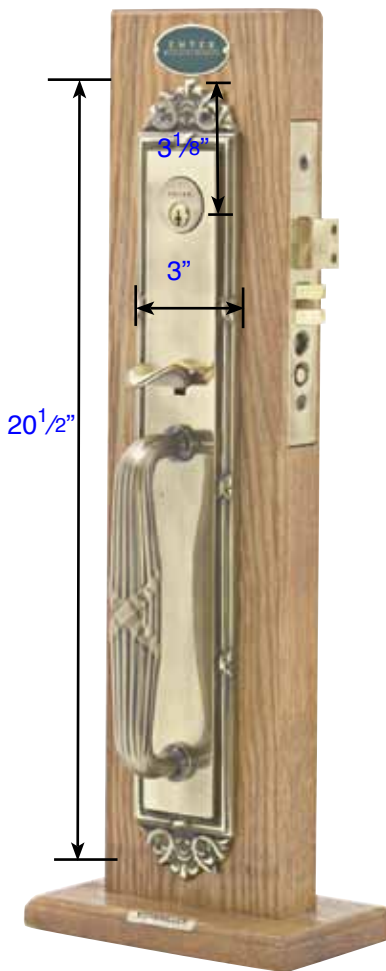
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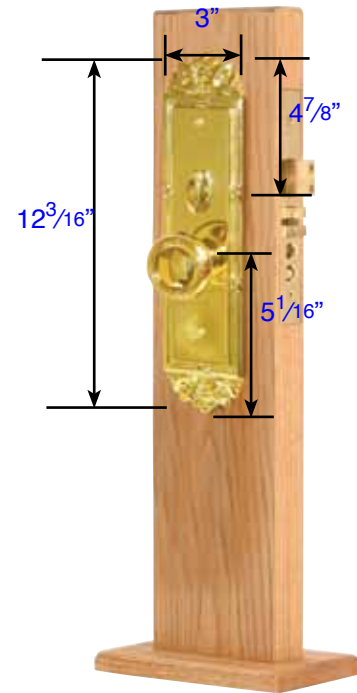
BRASS MORTISE ENTRANCE HANDLESETS



Regency Trim Style
Part # 3307



Versailles Trim Style
Part # 3309



Standard interior trim
Part # 3307/3309

Additional Dimensions: (Part # 3307 & 3309)

- Exterior Projection is $2\frac{3}{4}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{3}{8}$ "
- Clearance between door & grip is $1\frac{9}{16}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

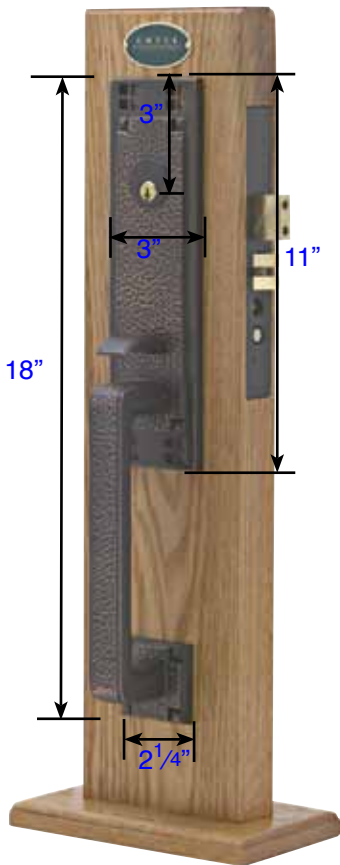
- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
- $1\frac{1}{2}$ " Threaded Cylinder
- 2" Long Spindle
- 2" Top Rosette Screw
- $1\frac{1}{2}$ " Bottom Rosette Screw
- Thumbpress
- Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- 2" Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Thumbpress
- Strikeplate

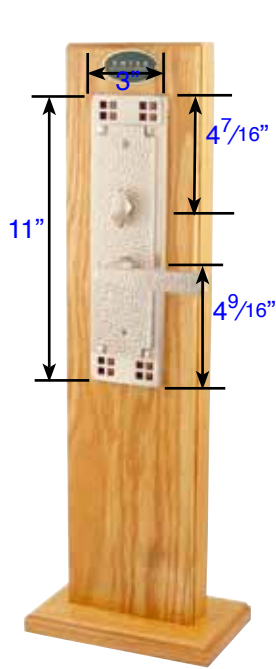
- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
- $1\frac{3}{4}$ " Threaded Cylinder
- $2\frac{1}{4}$ " Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Extended Thumbpress
- Extended Strikeplate

- Same dimensions for dummy function

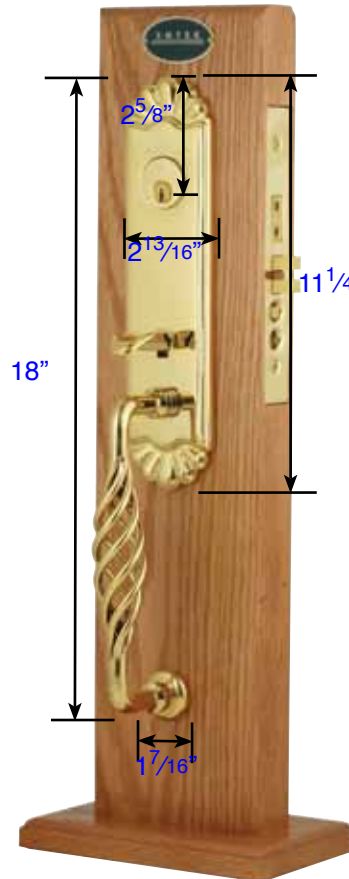
BRASS MORTISE ENTRANCE HANDLESETS



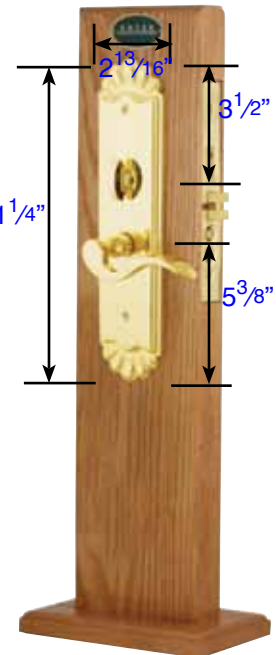
Craftsman Trim Style
Part # 3308



Standard interior trim
Part # 3308



Valley Forge Mortise Trim Style
Part # 3341



Standard interior trim
Part # 3341

Additional Dimensions: (Part # 3308)

- Exterior Projection is $2\frac{5}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{8}$ "
- Clearance between door & grip is $1\frac{3}{8}$ "
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 3341)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{7}{16}$ "
- Clearance between door & grip is $1\frac{1}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

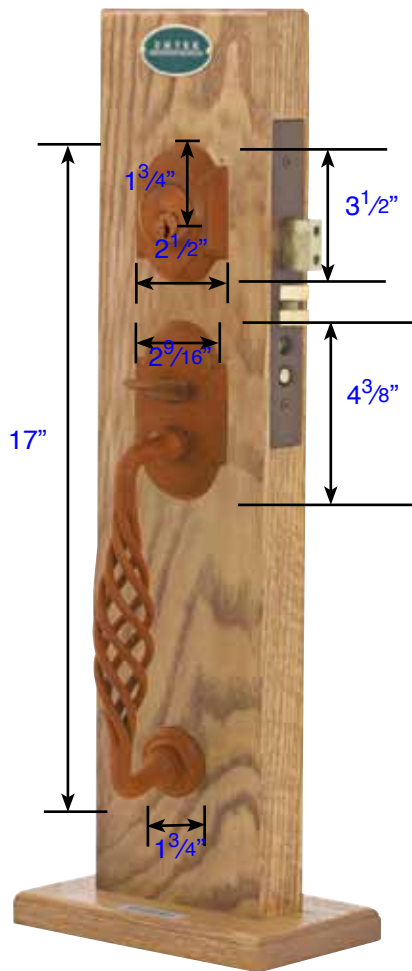
- Same dimensions for dummy function

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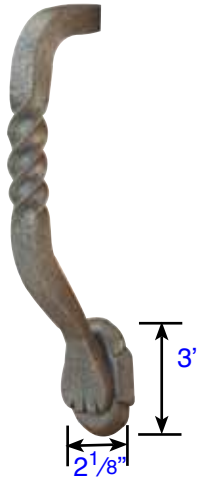
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WROUGHT STEEL MORTISE ENTRANCE HANDLESETS

Steel Sectional Mortise



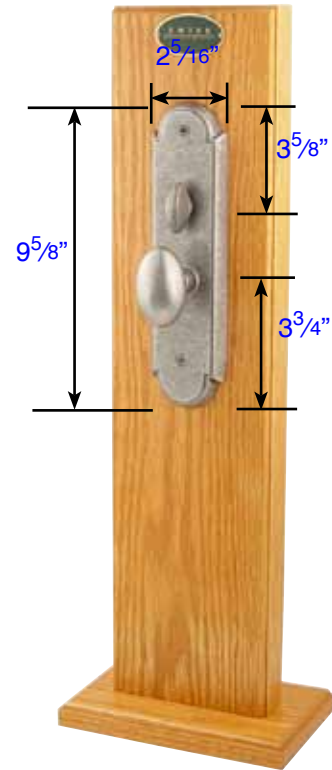
Lafayette Grip
Part # 3314



San Carlos Grip
Part # 3315



Normandy Grip
Part # 3316



Standard interior trim
Part # 3314/3315/3316

Additional Dimensions: (Part # 3315)

- Exterior Projection is $3\frac{1}{2}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $\frac{3}{4}$ "
- Clearance between door & grip is 2"
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 3314)

- Exterior Projection is $3\frac{1}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{2}$ "
- Clearance between door & grip is $1\frac{1}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 3316)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is $1\frac{5}{8}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

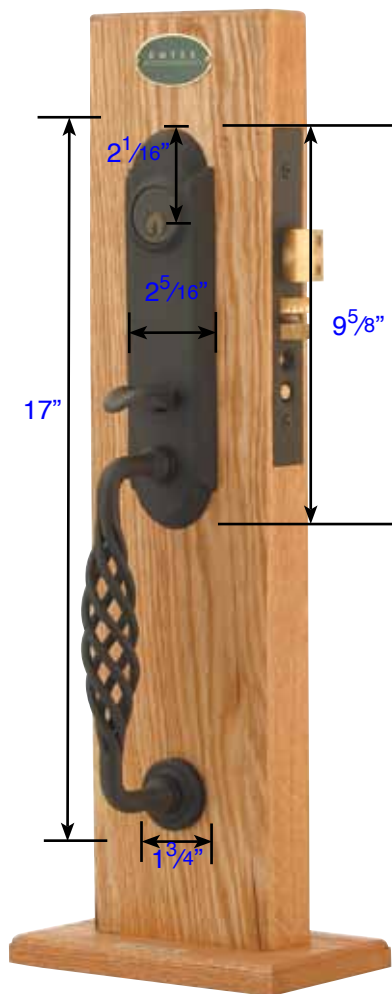
- Same dimensions for dummy function

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WROUGHT STEEL MORTISE ENTRANCE HANDLESETS

Steel Monolithic Mortise



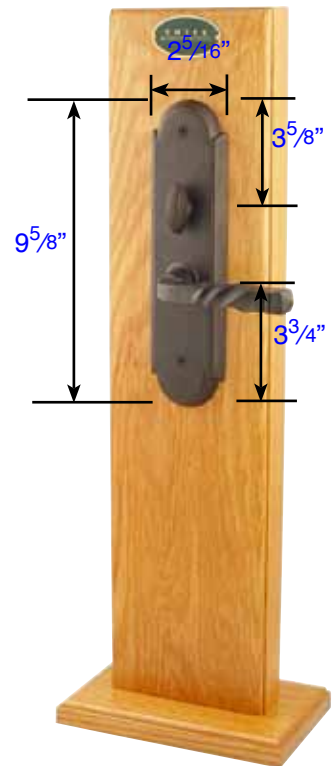
Lafayette Grip
Part # 3311



San Carlos Grip
Part # 3312



Normandy Grip
Part # 3313



Standard interior trim
Part # 3311, 3312, 3313

Additional Dimensions: (Part # 3312)

- Exterior Projection is $3\frac{1}{2}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $\frac{3}{4}$ "
- Clearance between door & grip is 2"
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 3311)

- Exterior Projection is $3\frac{1}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{2}$ "
- Clearance between door & grip is $1\frac{1}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 3313)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is $1\frac{5}{8}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

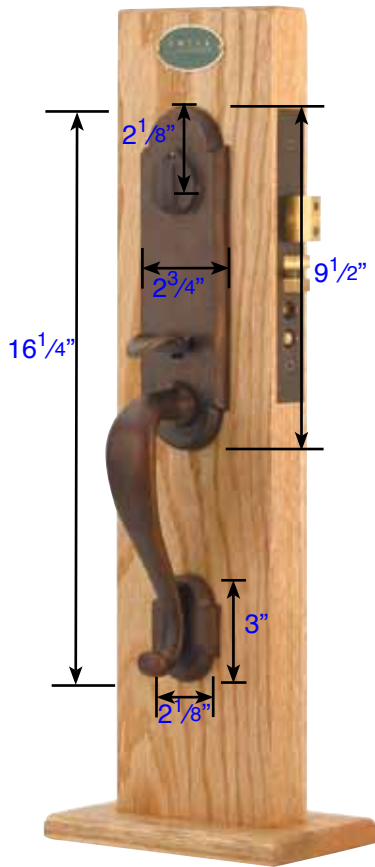
- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

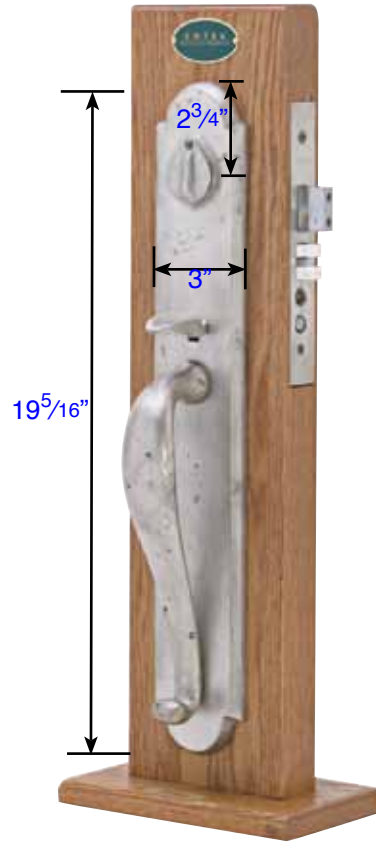
EMTEK PRODUCTS INC.

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BRONZE MORTISE ENTRANCE HANDLESETS



Cheyenne Entryset
Part # 3321



Topeka Entryset
Part # 3322

Additional Dimensions: (Part # 3321 & 3322)

- Exterior Projection is $3\frac{1}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{3}{4}$ "
- Clearance between door & grip is $1\frac{3}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

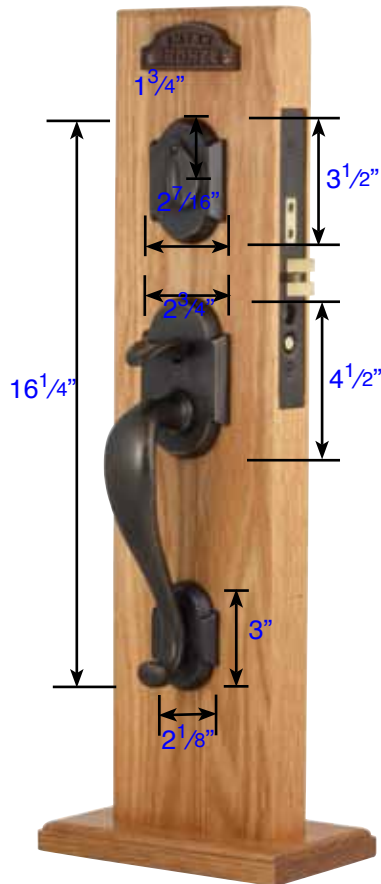
- Standard Door Thickness: $1\frac{3}{4}$ "- 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2"- $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

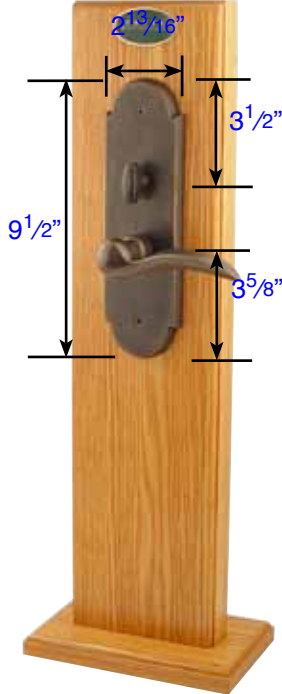
- **Extended** Door Thickness: $2\frac{1}{2}$ "- $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

BRONZE MORTISE ENTRANCE HANDLESETS



Denver Mortise Entryset
Part # 3323



Standard interior trim
Part # 3321/3322/3323

Additional Dimensions: (Part # 3323)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is 1 1/2"
- Plates thickness: 1/2"

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

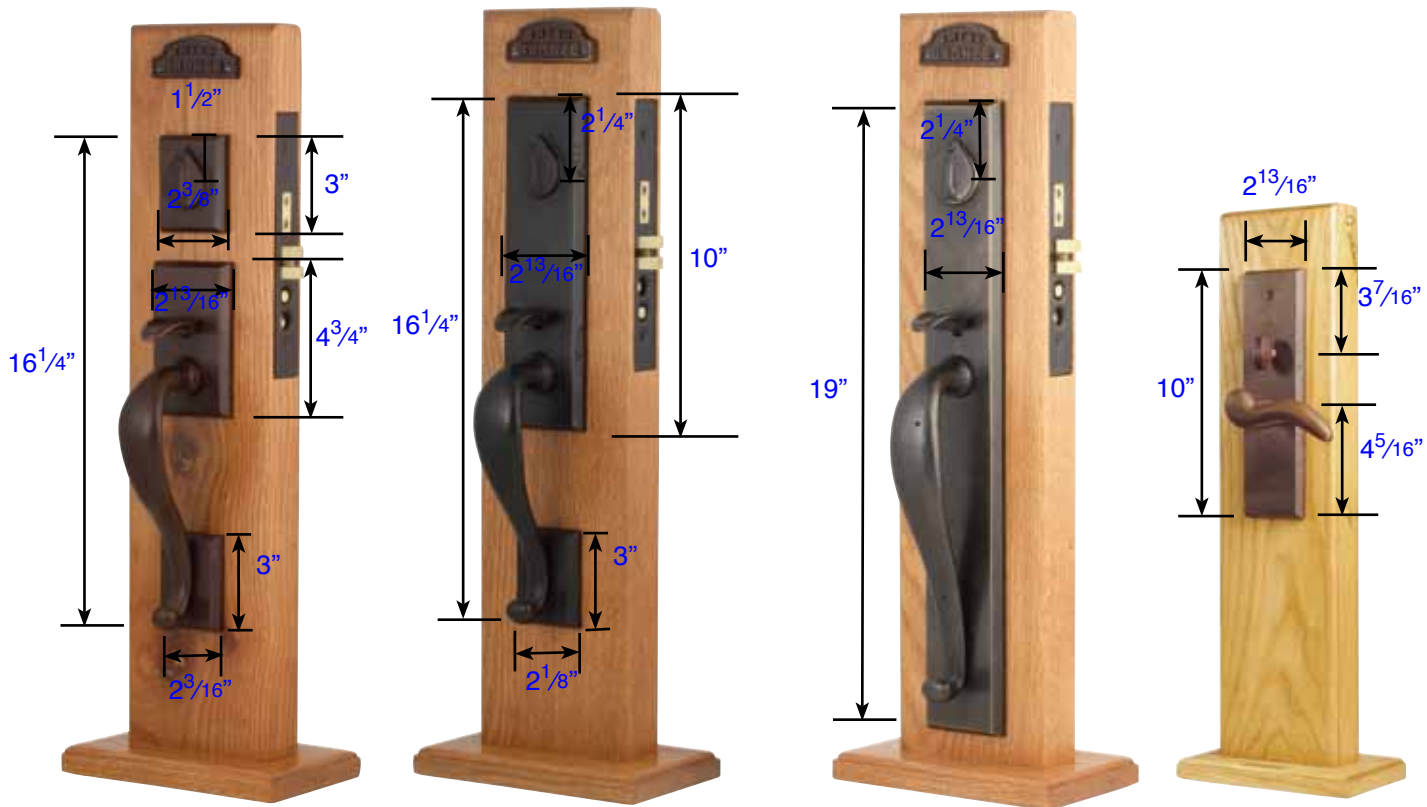
- Standard Door Thickness: 1 3/4" - 2"
- Standard Components:
 - 1 1/2" Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - 1 1/2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
 - 1 3/4" Threaded Cylinder
 - 2" Long Spindle
 - 2 1/2" Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2 1/2" - 2 3/4"
- Extended Components:
 - 1 3/4" Threaded Cylinder
 - 2 1/4" Long Spindle
 - 2 1/2" Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

BRONZE MORTISE ENTRANCE HANDLESETS



Rectangular Sectional Mortise
Part # 3324

Rectangular Monolithic Mortise
Part # 3325

Rectangular Full Length Mortise
Part # 3326

Standard interior trim
Part # 3324/3325/3326

Additional Dimensions: (Part # 3324, 3325 & 3326)

- Exterior Projection is $3\frac{1}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{3}{4}$ "
- Clearance between door & grip is $1\frac{3}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

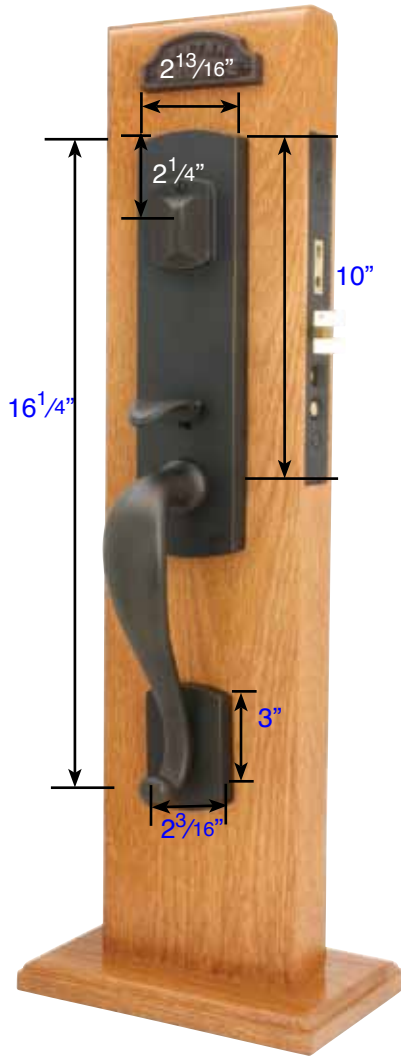
- Standard Door Thickness: $1\frac{3}{4}$ "- 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2"- $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

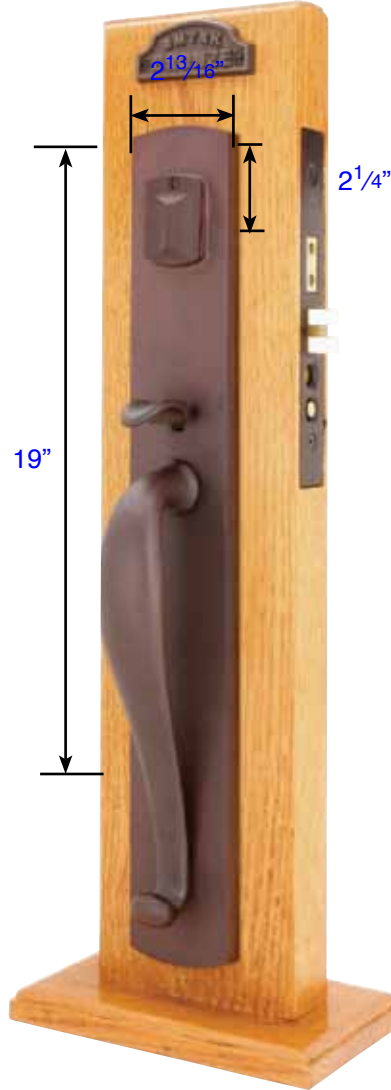
- **Extended** Door Thickness: $2\frac{1}{2}$ "- $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

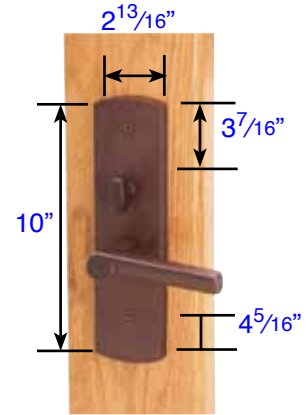
BRONZE MORTISE ENTRANCE HANDLESETS



Morgan Entryset
Part # 3327



Rockford Entryset
Part # 3328



Standard interior trim
Part # 3327/3328

Additional Dimensions: (Part # 3327 & 3328)

- Exterior Projection is $3\frac{1}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{3}{4}$ "
- Clearance between door & grip is $1\frac{3}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

- Standard Door Thickness: $1\frac{3}{4}$ " - 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

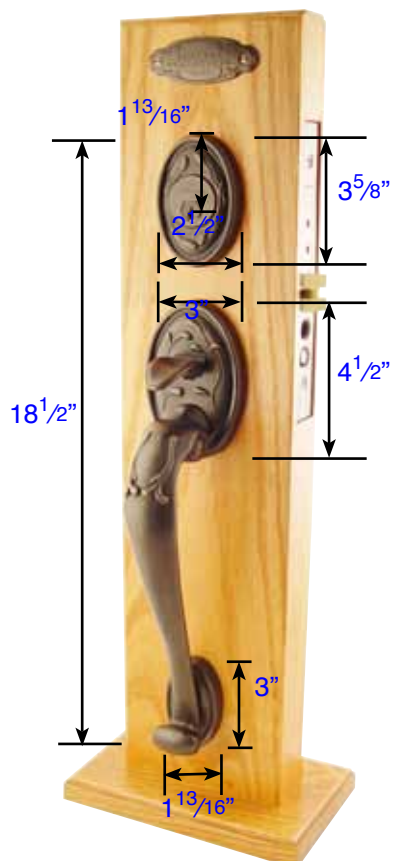
- **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

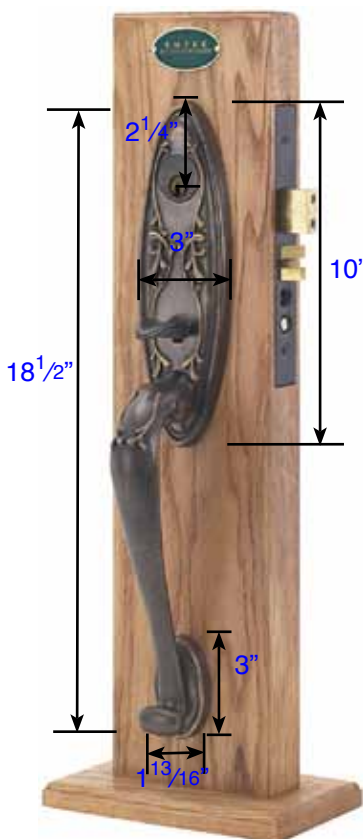
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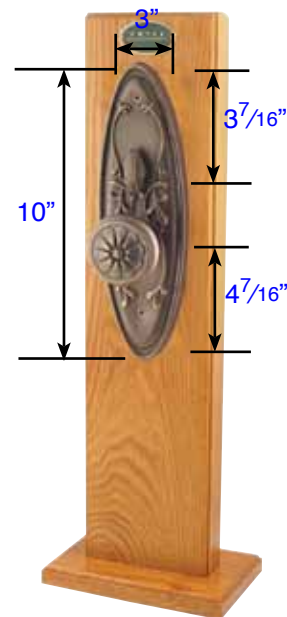
LOST WAX CAST BRONZE MORTISE ENTRANCE HANDLESETS



Naples Mortise Entryset
Part # 3334



Da Vinci Entryset
Part # 3331



Standard interior trim
Part # 3331/3334

Additional Dimensions: (Part # 3334, 3331)

- Exterior Projection is $3\frac{9}{32}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{9}{16}$ "
- Clearance between door & grip is $1\frac{7}{8}$ "
- Plates thickness: $1\frac{1}{16}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

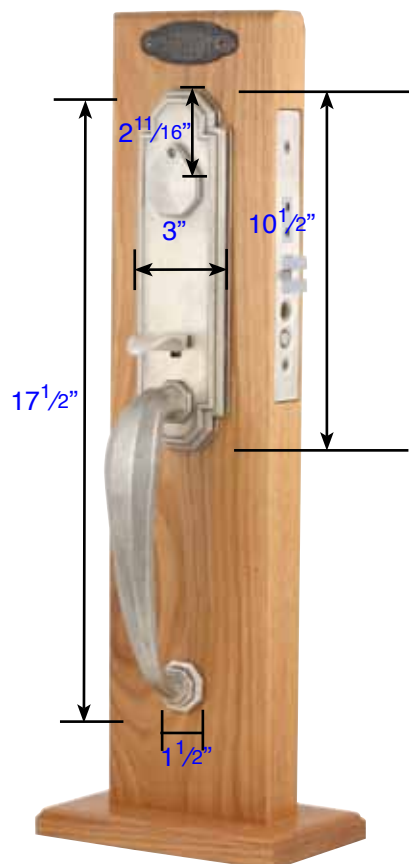
- Standard Door Thickness: $1\frac{3}{4}$ "- 2"
- Standard Components:
 - $1\frac{1}{2}$ " Threaded Cylinder
 - 2" Long Spindle
 - 2" Top Rosette Screw
 - $1\frac{1}{2}$ " Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

- **Extended** Door Thickness: 2"- $2\frac{1}{2}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - 2" Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Thumbpress
 - Strikeplate

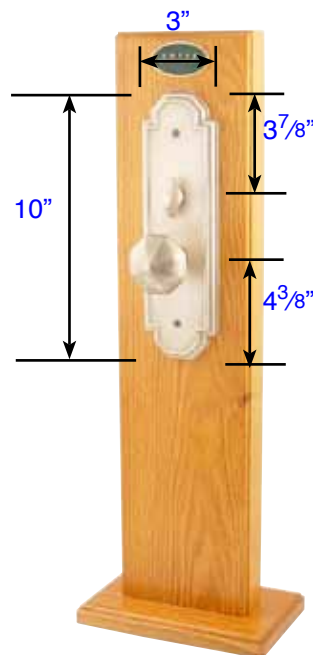
- **Extended** Door Thickness: $2\frac{1}{2}$ "- $2\frac{3}{4}$ "
- Extended Components:
 - $1\frac{3}{4}$ " Threaded Cylinder
 - $2\frac{1}{4}$ " Long Spindle
 - $2\frac{1}{2}$ " Top Rosette Screw
 - 2" Bottom Rosette Screw
 - Extended Thumbpress
 - Extended Strikeplate

- Same dimensions for dummy function

LOST WAX CAST BRONZE MORTISE ENTRANCE HANDLESETS



Octagon Mortise Entryset
Part # 3333



Standard interior trim
Part # 3333

Additional Dimensions: (Part # 3333)

- Exterior Projection is $3\frac{1}{16}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $2\frac{1}{8}$ "
- Clearance between door & grip is $1\frac{9}{16}$ "
- Plates thickness: $\frac{1}{2}$ "

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

• Standard Door Thickness: $1\frac{3}{4}$ " - 2"
Standard Components:

- $1\frac{1}{2}$ " Threaded Cylinder
- 2" Long Spindle
- 2" Top Rosette Screw
- $1\frac{1}{2}$ " Bottom Rosette Screw
- Thumbpress
- Strikeplate

• **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
Extended Components:

- $1\frac{3}{4}$ " Threaded Cylinder
- 2" Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Thumbpress
- Strikeplate

• **Extended** Door Thickness: $2\frac{1}{2}$ " - $2\frac{3}{4}$ "
Extended Components:

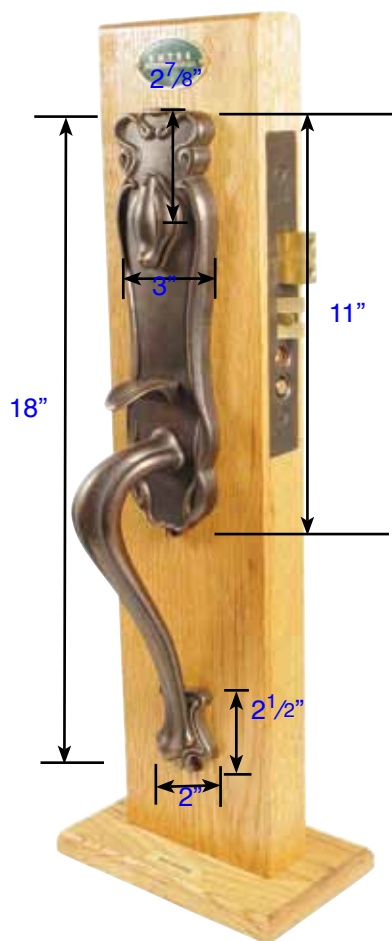
- $1\frac{3}{4}$ " Threaded Cylinder
- $2\frac{1}{4}$ " Long Spindle
- $2\frac{1}{2}$ " Top Rosette Screw
- 2" Bottom Rosette Screw
- Extended Thumbpress
- Extended Strikeplate

• Same dimensions for dummy function

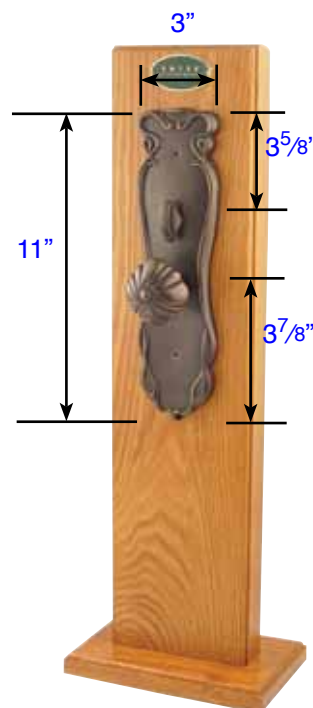
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LOST WAX CAST BRONZE MORTISE ENTRANCE HANDLESETS



Art Nouveau Mortise Entryset
Left Hand Grip
Part # 3332



Standard interior trim
Part # 3332

Additional Dimensions: (Part # 3332)

- Exterior Projection is $3\frac{1}{16}"$
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $2\frac{1}{8}"$
- Clearance between door & grip is $1\frac{9}{16}"$
- Plates thickness: $\frac{1}{2}"$

* Lever By Lever/Knob By Knob Mortise Entrance Handlesets

- Same dimensions as Monolithic exterior trim of standard mortise entrance handlesets

Door Thickness Specifications:

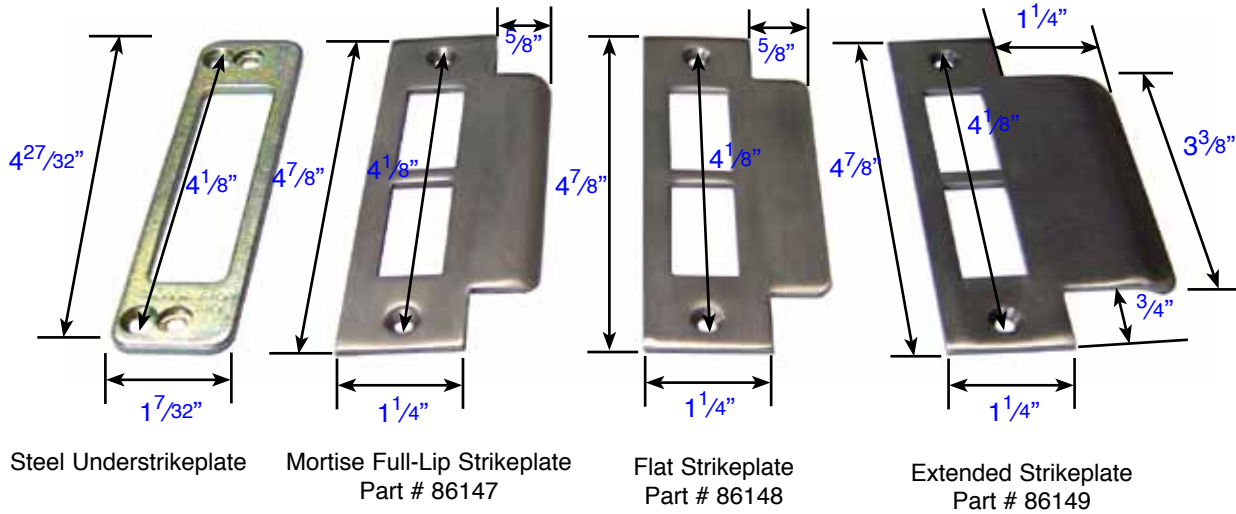
- Standard Door Thickness: $1\frac{3}{4}"$ - $2"$
- Standard Components:
- $1\frac{1}{2}"$ Threaded Cylinder
- 2" Long Spindle
- 2" Top Rosette Screw
- $1\frac{1}{2}"$ Bottom Rosette Screw
- Thumbpress
- Strikeplate

- **Extended** Door Thickness: $2"$ - $2\frac{1}{2}"$
- Extended Components:
- $1\frac{3}{4}"$ Threaded Cylinder
- 2" Long Spindle
- $2\frac{1}{2}"$ Top Rosette Screw
- 2" Bottom Rosette Screw
- Thumbpress
- Strikeplate

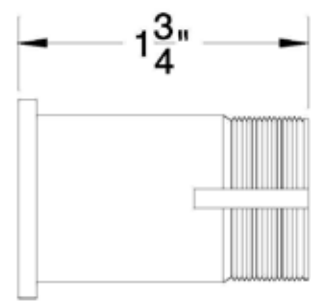
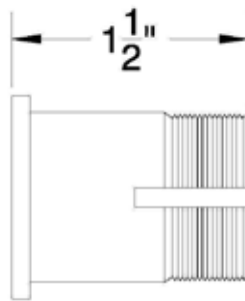
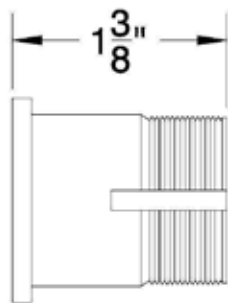
- **Extended** Door Thickness: $2\frac{1}{2}"$ - $2\frac{3}{4}"$
- Extended Components:
- $1\frac{3}{4}"$ Threaded Cylinder
- $2\frac{1}{4}"$ Long Spindle
- $2\frac{1}{2}"$ Top Rosette Screw
- 2" Bottom Rosette Screw
- Extended Thumbpress
- Extended Strikeplate

- Same dimensions for dummy function

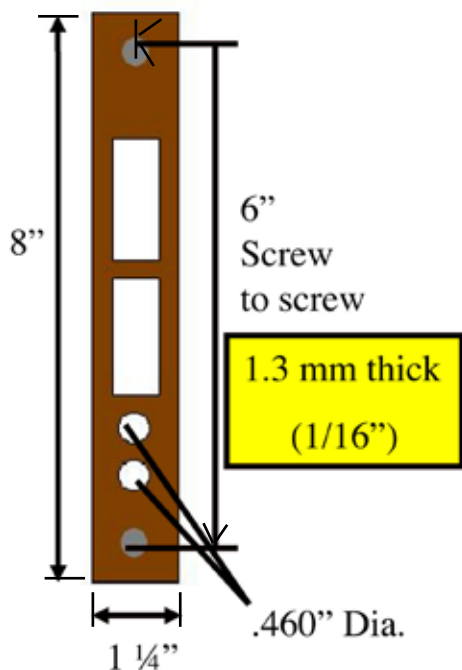
STRIKEPLATES FOR MORTISE LOCKS



Mortise Cylinder



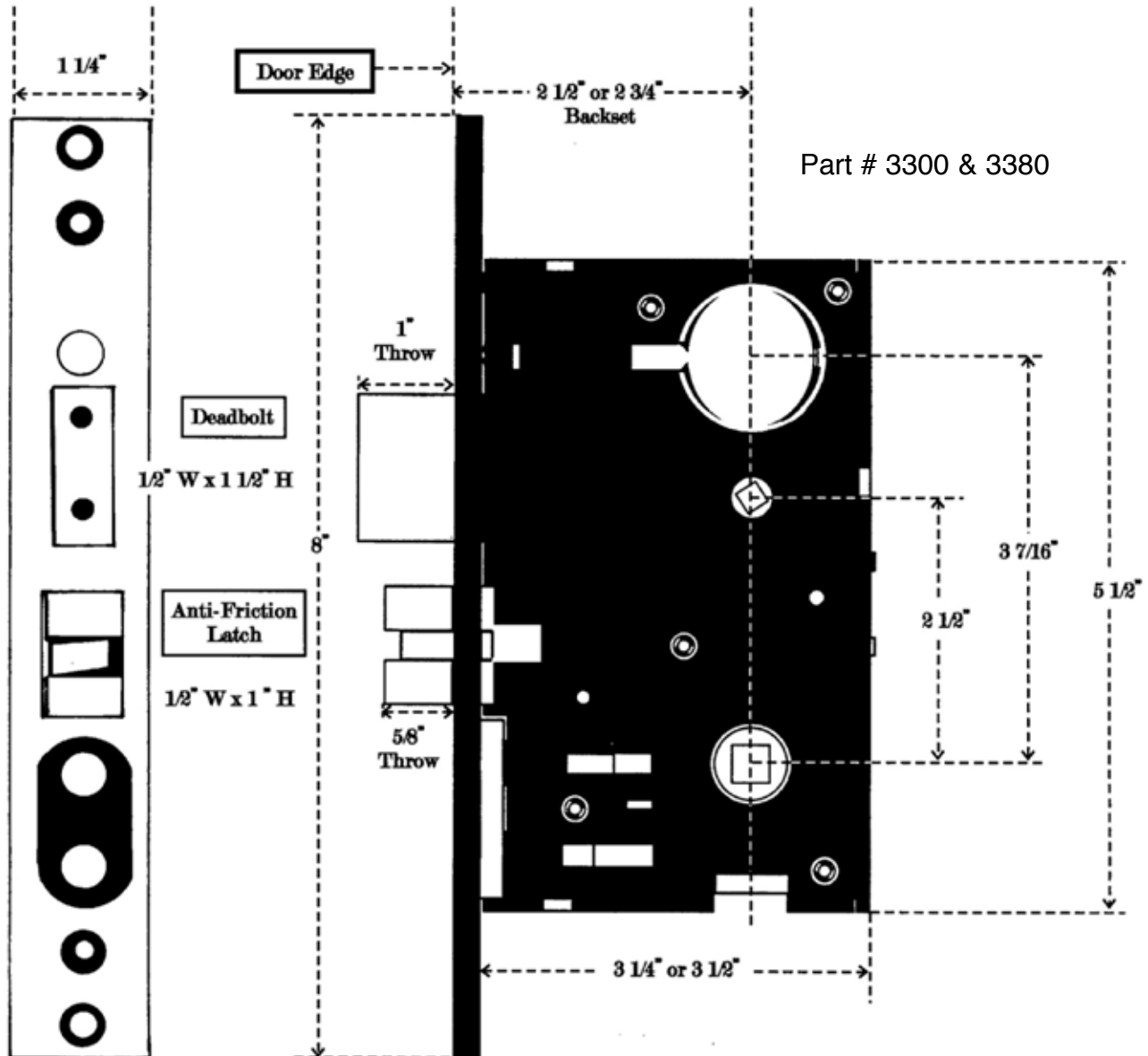
Mortise Face Plate



- MORTISE LOCK - SPECIFICATIONS

FRONT VIEW

INSIDE VIEW



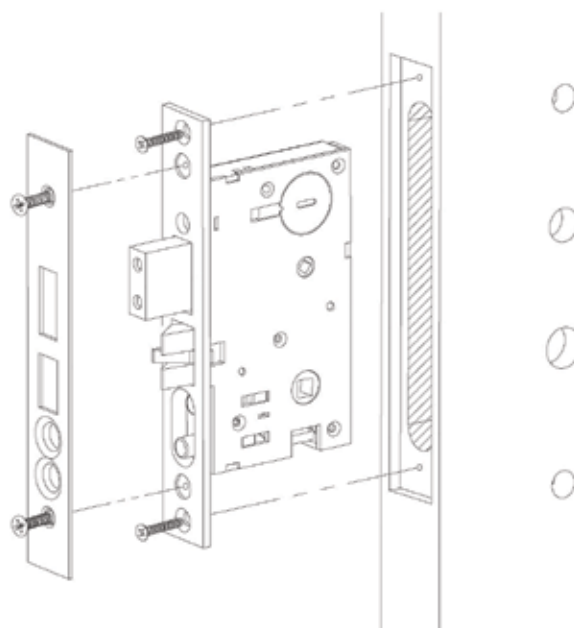
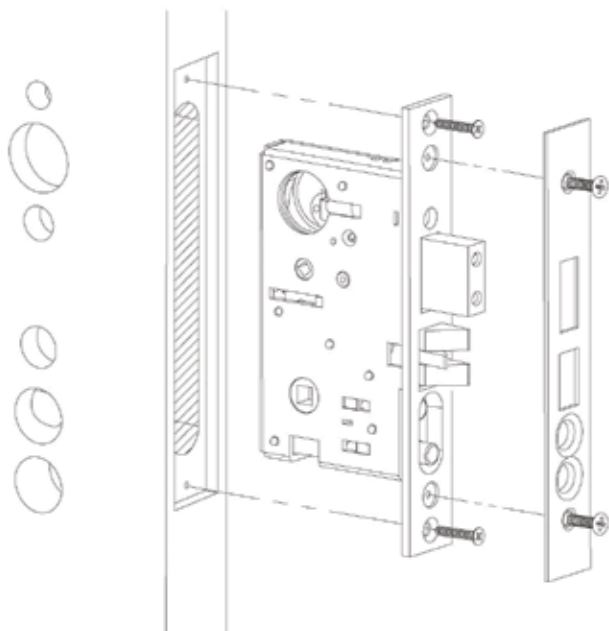
. REFERENCE ONLY

- NOT INTENDED AS DOOR PREPARATION GUIDE
- SEE TEMPLATE FOR INSTALLATION SPECIFICATIONS

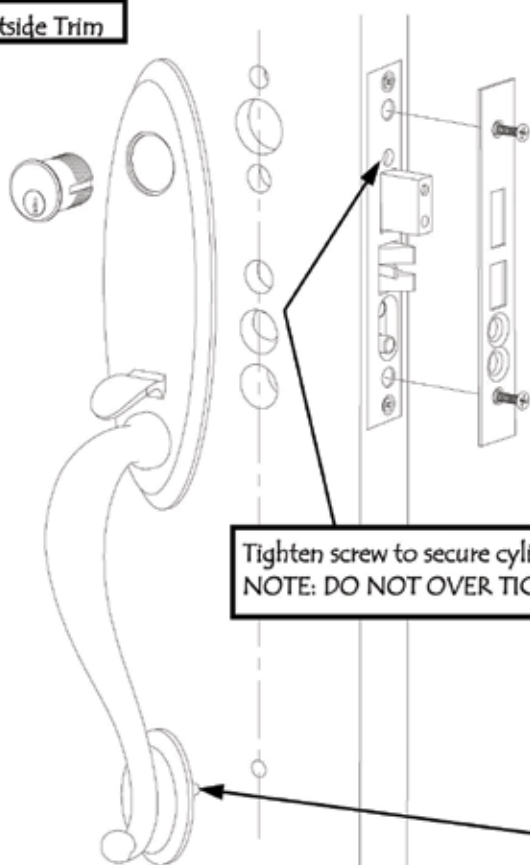
Outside

Mortise Lock Installation Guide
See template for door prep specifications

Inside

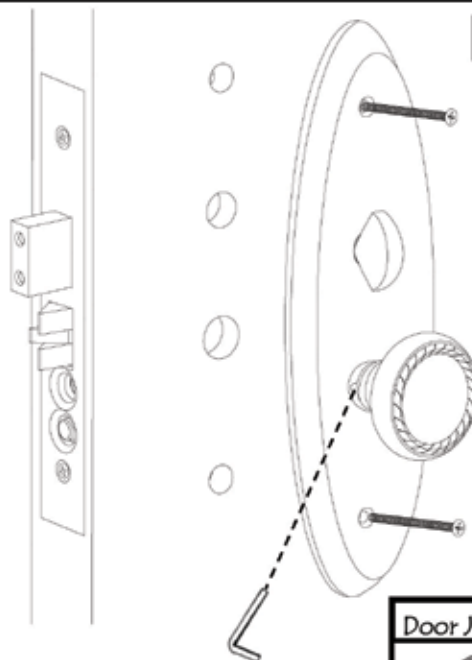


Outside Trim



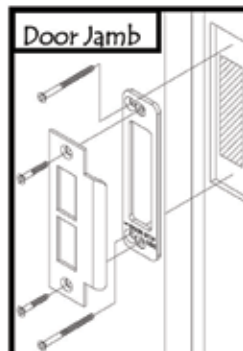
Tighten screw to secure cylinder.
NOTE: DO NOT OVER TIGHTEN

Inside Trim



Assemble to Bottom Tube

Door Jamb

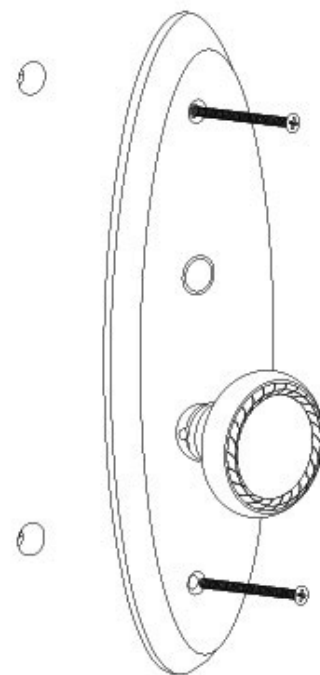
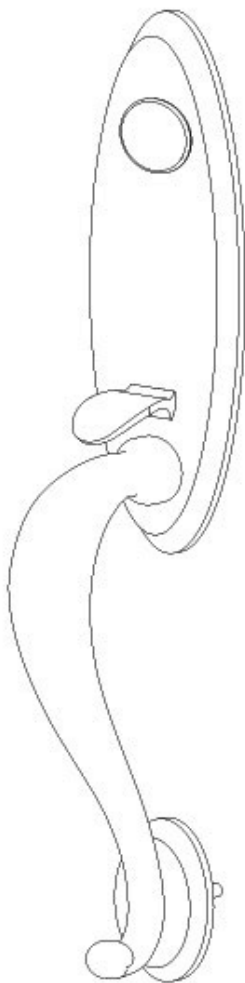


Plates and grip vary depending on style.

See template for door prep specifications

Outside Trim

Inside Trim

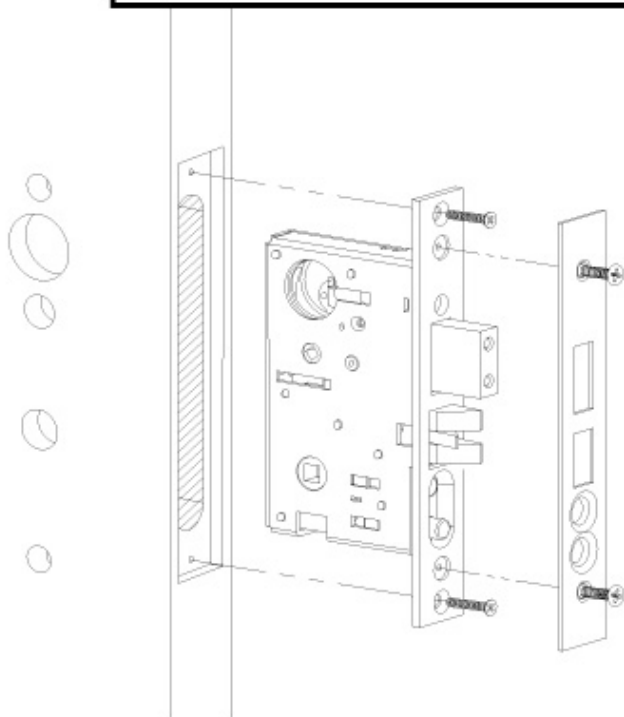


Plates and grip vary depending on style.

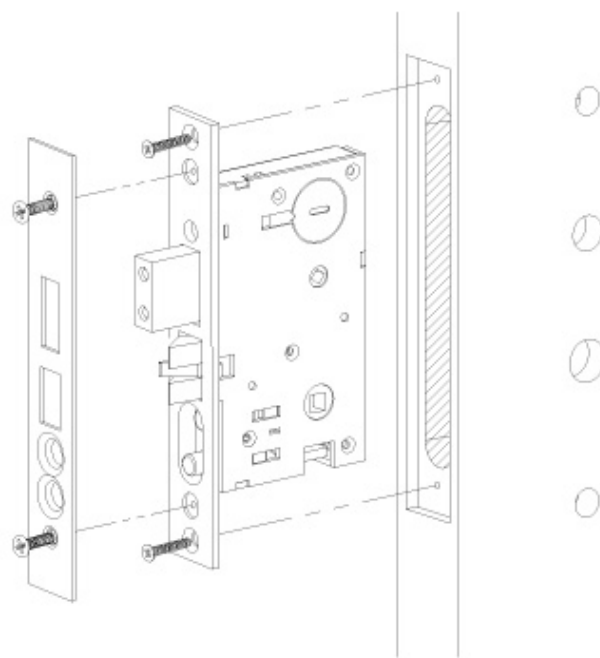
Assemble to Bottom Tube

Outside

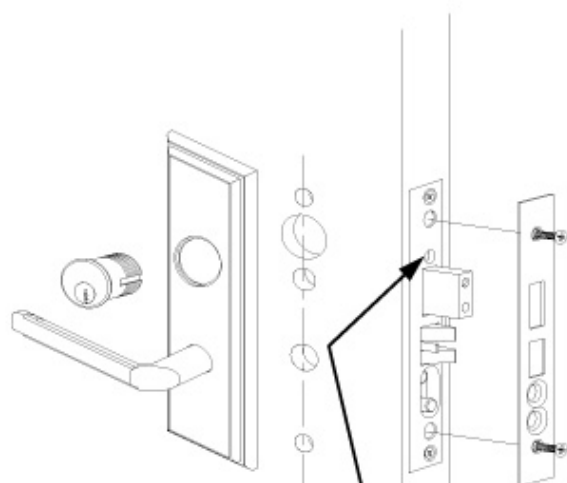
See template for door prep specifications



Inside



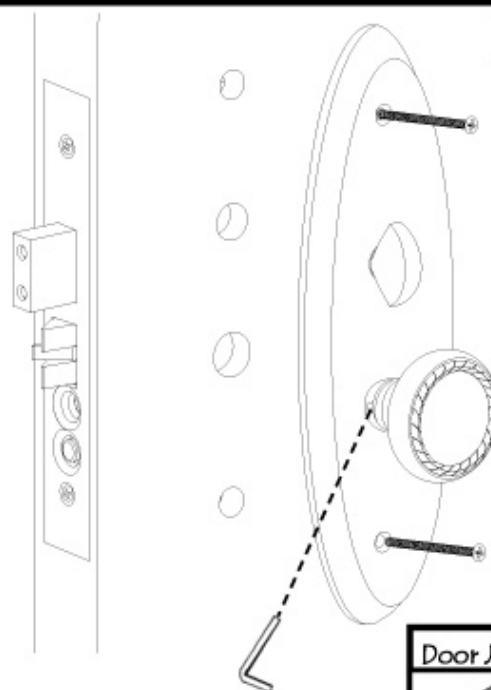
Outside Trim



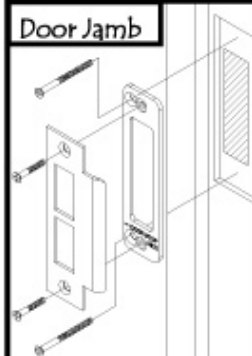
Tighten screw to secure cylinder.
NOTE: DO NOT OVER TIGHTEN

Plates and grip vary depending on style.

Inside Trim



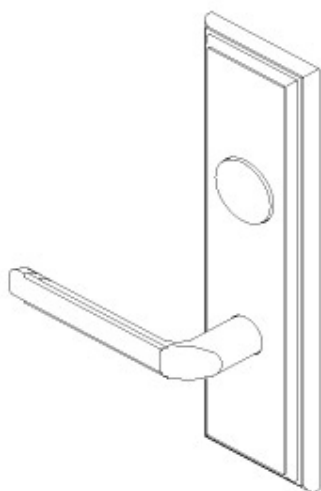
After lock has been installed
tighten set screw with Allen
wrench (provided).



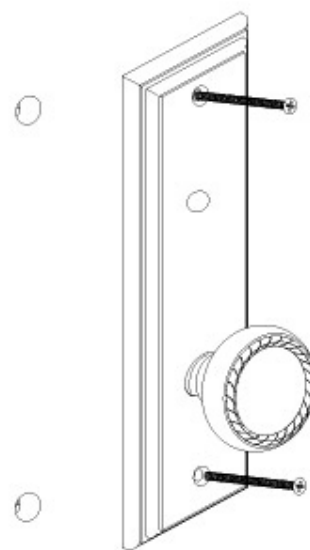
EMTEK
ASSA ABLOY

See template for door prep specifications

Outside Trim



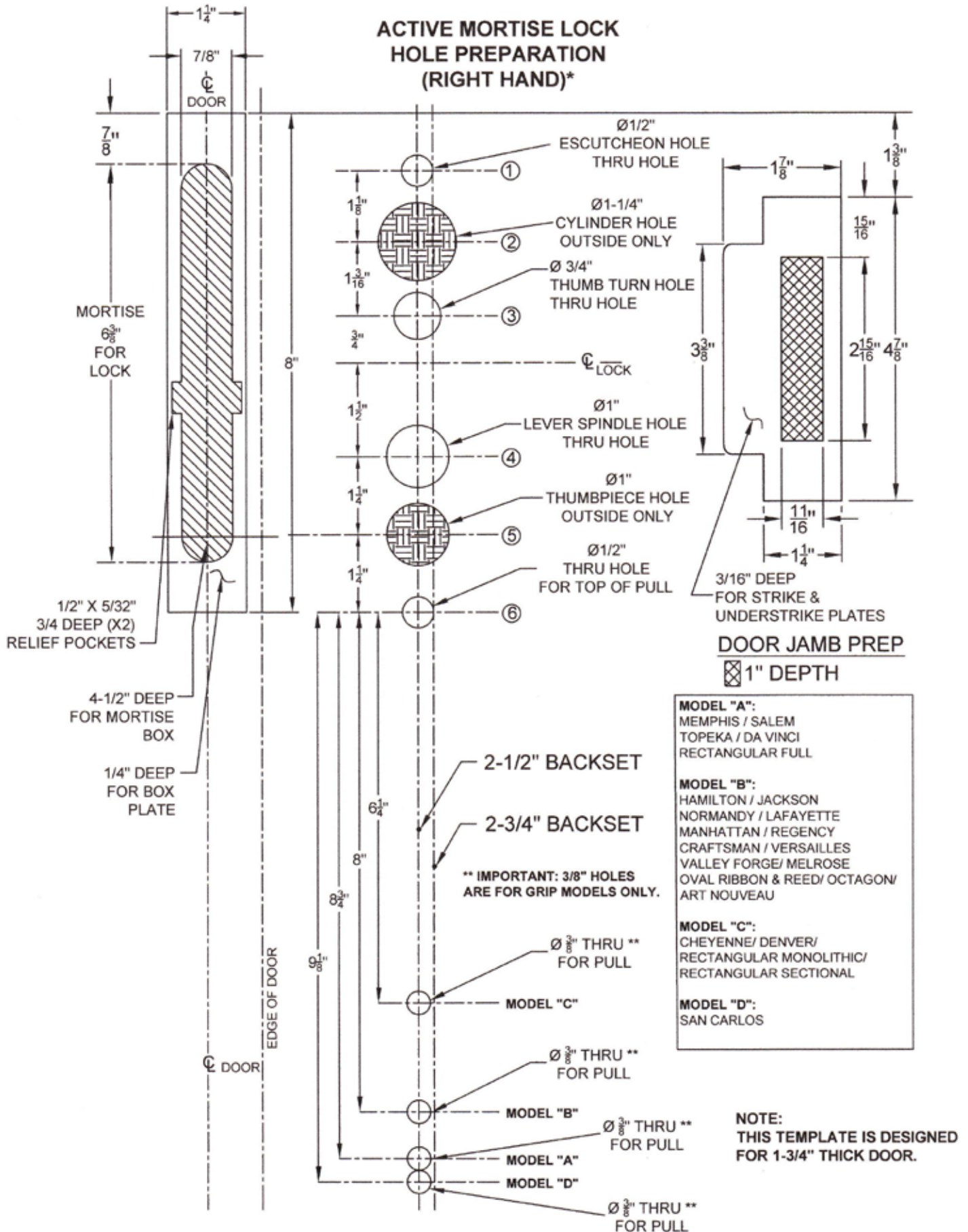
Inside Trim



Plates and grip vary depending on style.

EMTEK
ASSA ABLOY

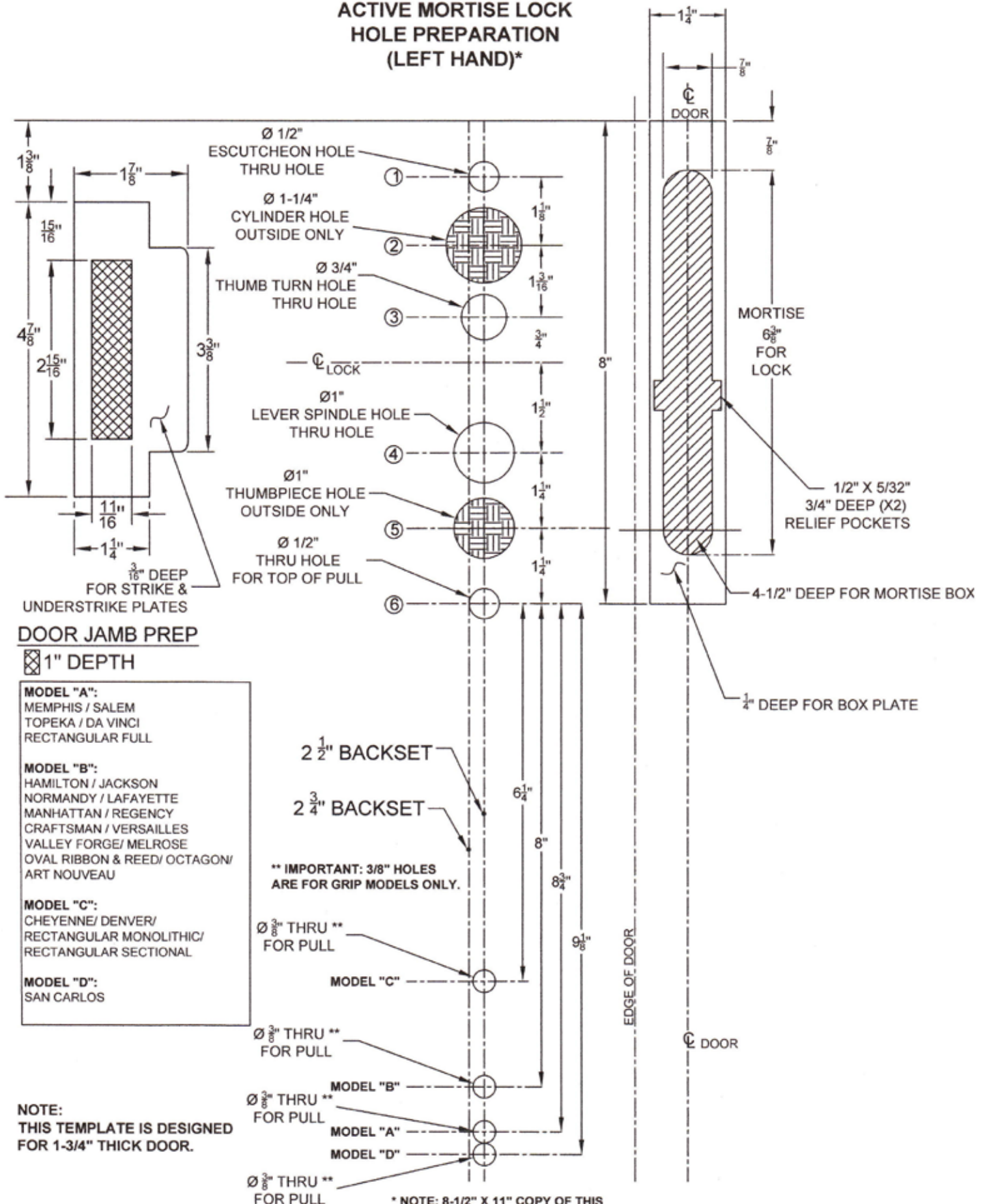
BORING SPECIFICATIONS



For Reference Only

BORING SPECIFICATIONS

ACTIVE MORTISE LOCK HOLE PREPARATION (LEFT HAND)*



For Reference Only

BORING SPECIFICATIONS

(Dummy)

DUMMY MORTISE LOCK HOLE PREPARATION (LEFT HAND) *

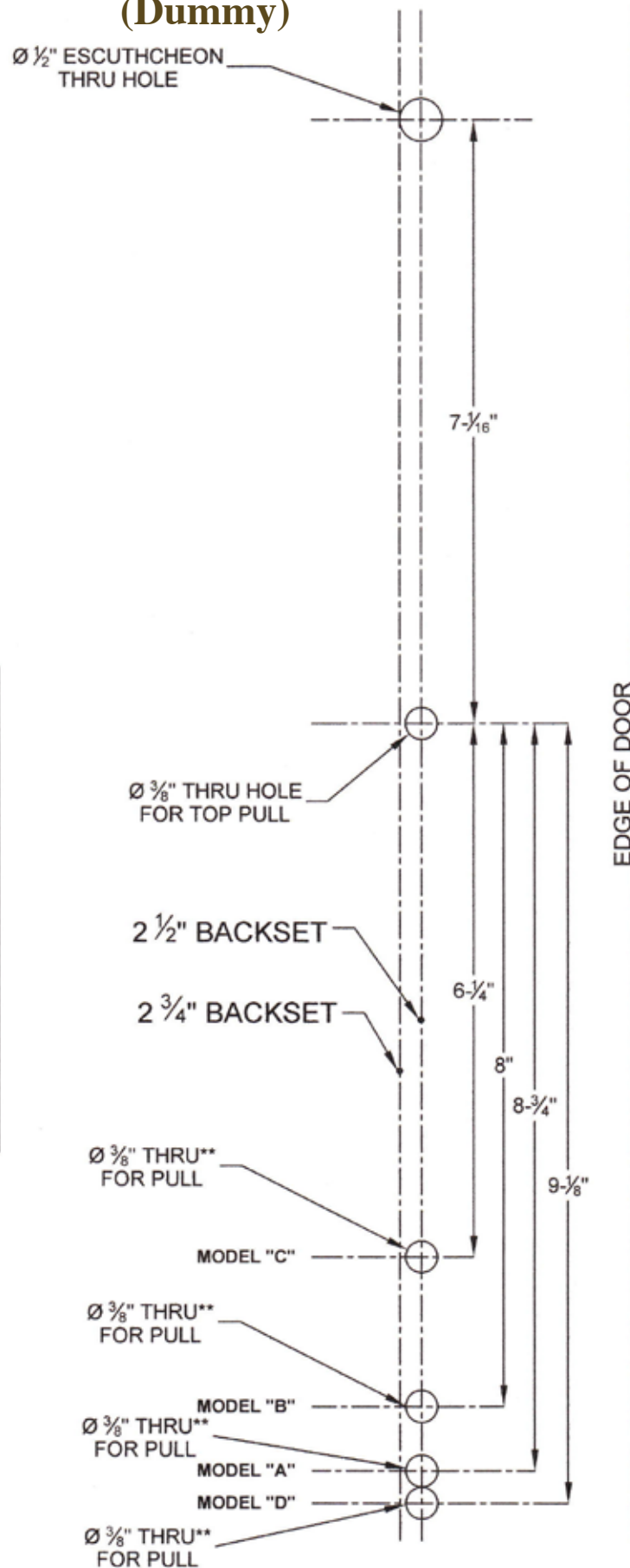
MODEL "A":
MEMPHIS / SALEM
TOPEKA / DA VINCI
RECTANGULAR FULL

MODEL "B":
HAMILTON / JACKSON
NORMANDY / LAFAYETTE
MANHATTAN / REGENCY
CRAFTSMAN / VERSAILLES
VALLEY FORGE/ MELROSE
OVAL RIBBON & REED/ OCTAGON/
ART NOUVEAU

MODEL "C":
CHEYENNE/ DENVER/
RECTANGULAR MONOLITHIC/
RECTANGULAR SECTIONAL

MODEL "D":
SAN CARLOS

** IMPORTANT: 3/8" HOLES
ARE FOR GRIP MODELS ONLY.



For Reference Only

* NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.

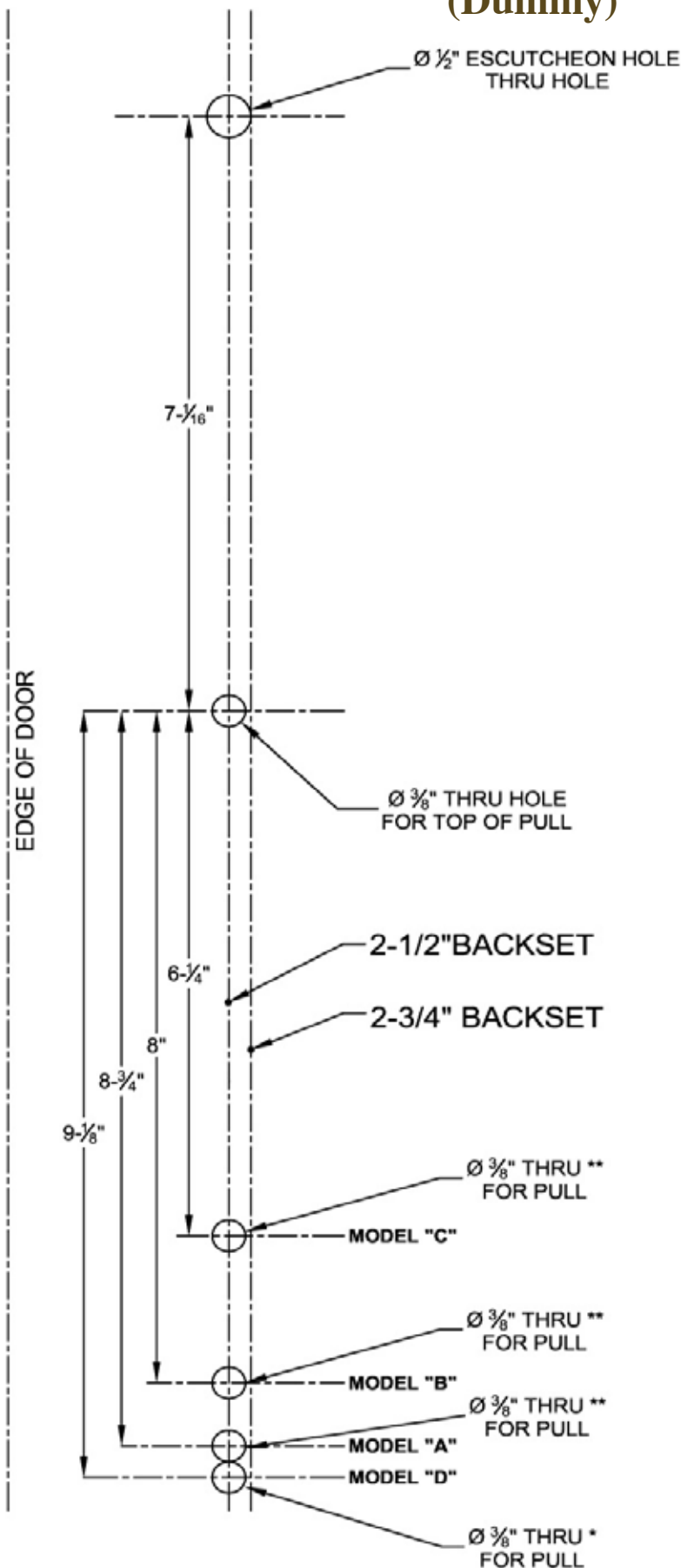
BORING SPECIFICATIONS

(Dummy)

EMTEK®

ASSA ABLOY

**DUMMY MORTISE LOCK
HOLE PREPARATION
(RIGHT HAND)***



MODEL "A":
MEMPHIS / SALEM
TOPEKA / DA VINCI
RECTANGULAR FULL
NAPLES

MODEL "B":
HAMILTON / JACKSON
NORMANDY / LAFAYETTE
MANHATTAN / REGENCY
CRAFTSMAN / VERSAILLES
VALLEY FORGE/ MELROSE
OVAL RIBBON & REED/ OCTAGON/
ART NOUVEAU

MODEL "C":
CHEYENNE/ DENVER/
RECTANGULAR MONOLITHIC/
RECTANGULAR SECTIONAL

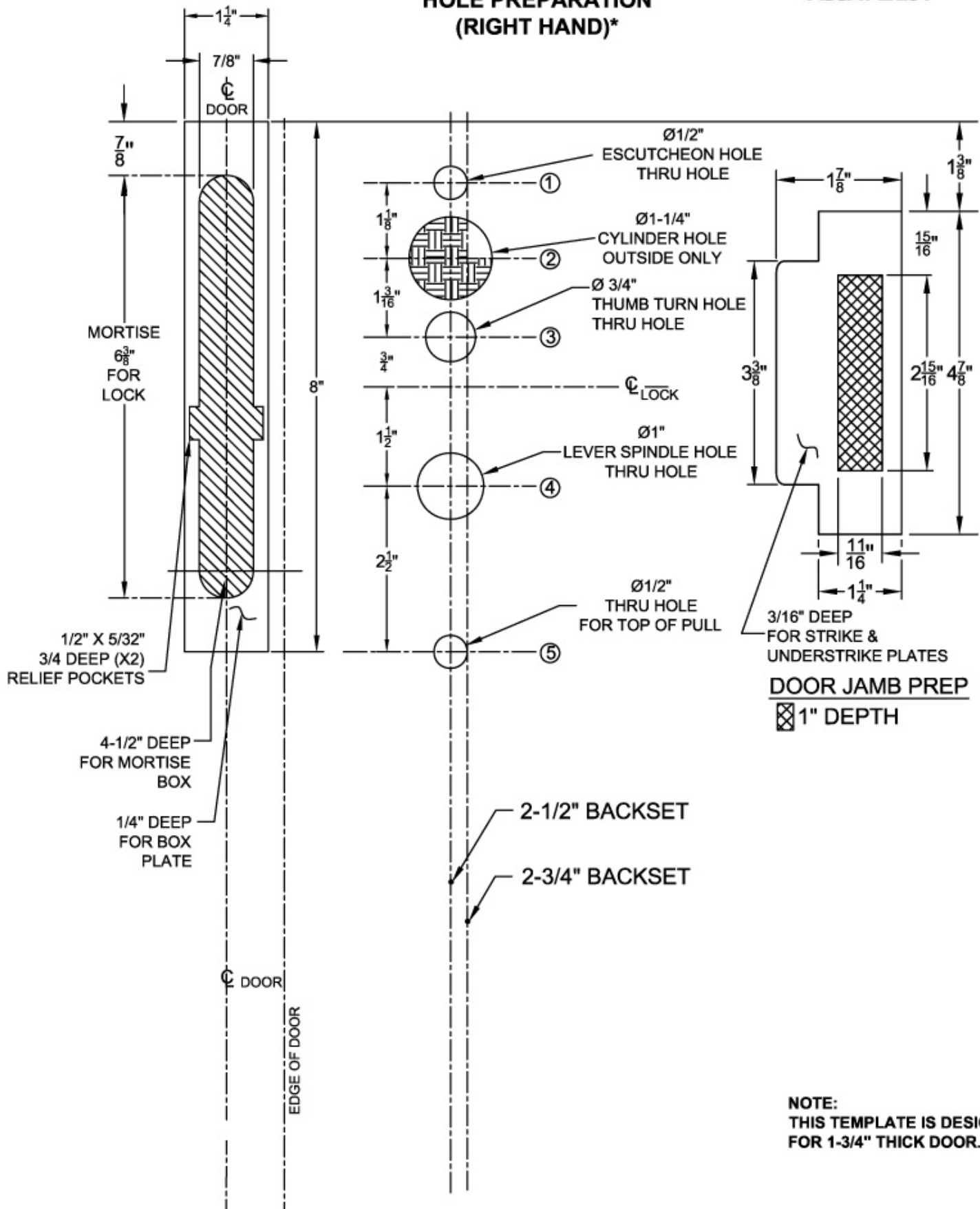
MODEL "D":
SAN CARLOS

**** IMPORTANT: Ø 3/8" HOLES
ARE FOR GRIP MODELS ONLY.**

* NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.

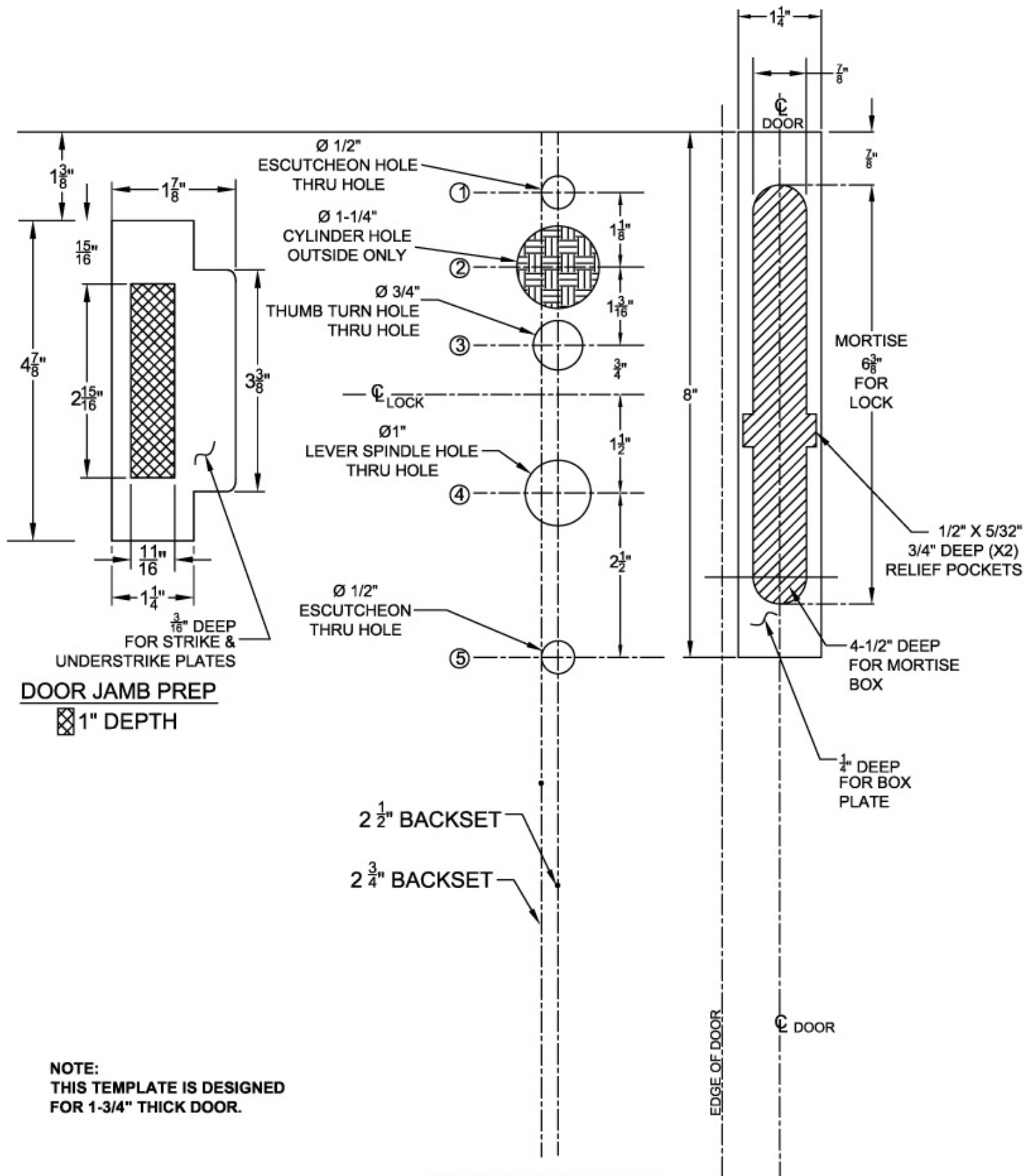
**LEVER BY LEVER
KNOB BY KNOB
ACTIVE MORTISE LOCK
HOLE PREPARATION
(RIGHT HAND)***

EMTEK[®]
ASSA ABLOY



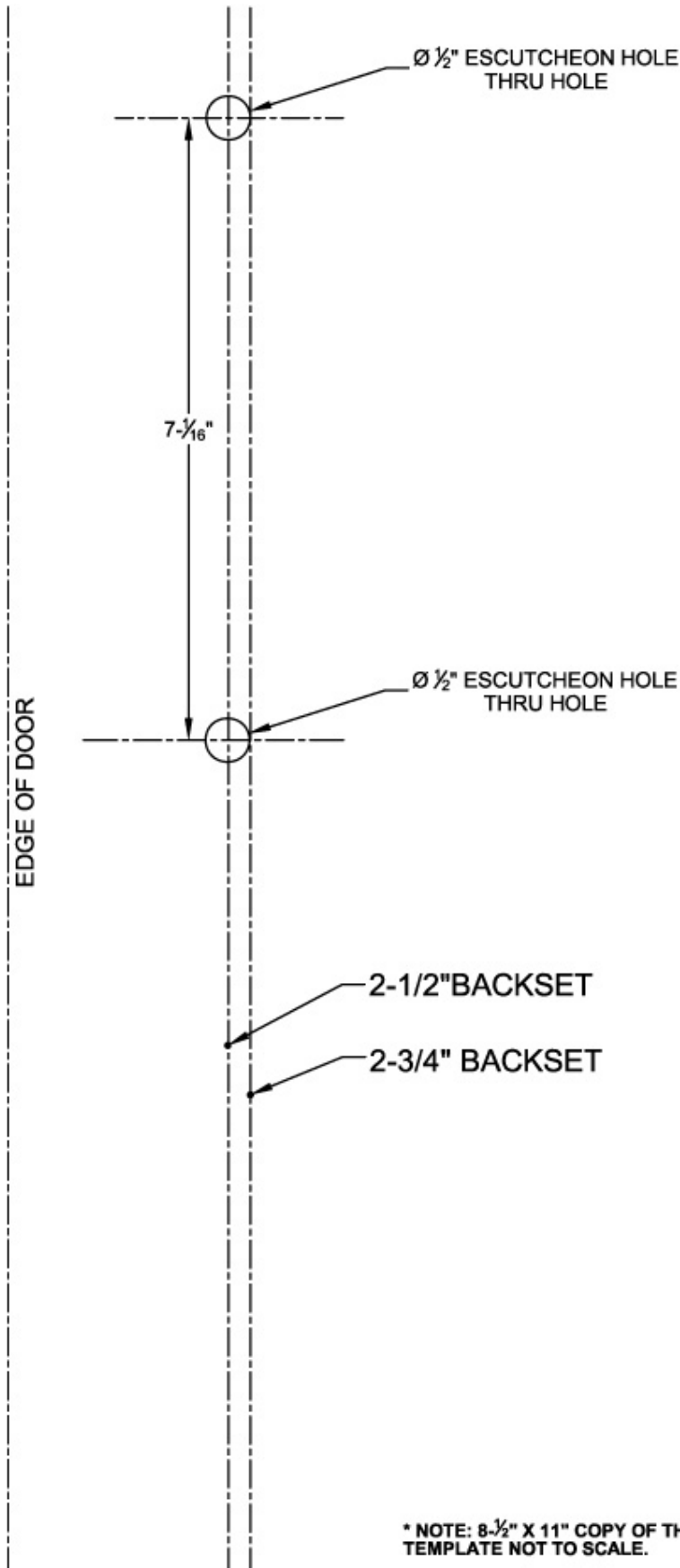
* NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.

**LEVER BY LEVER
KNOB BY KNOB
ACTIVE MORTISE LOCK
HOLE PREPARATION
(LEFT HAND)***



NOTE:
THIS TEMPLATE IS DESIGNED
FOR 1-3/4" THICK DOOR.

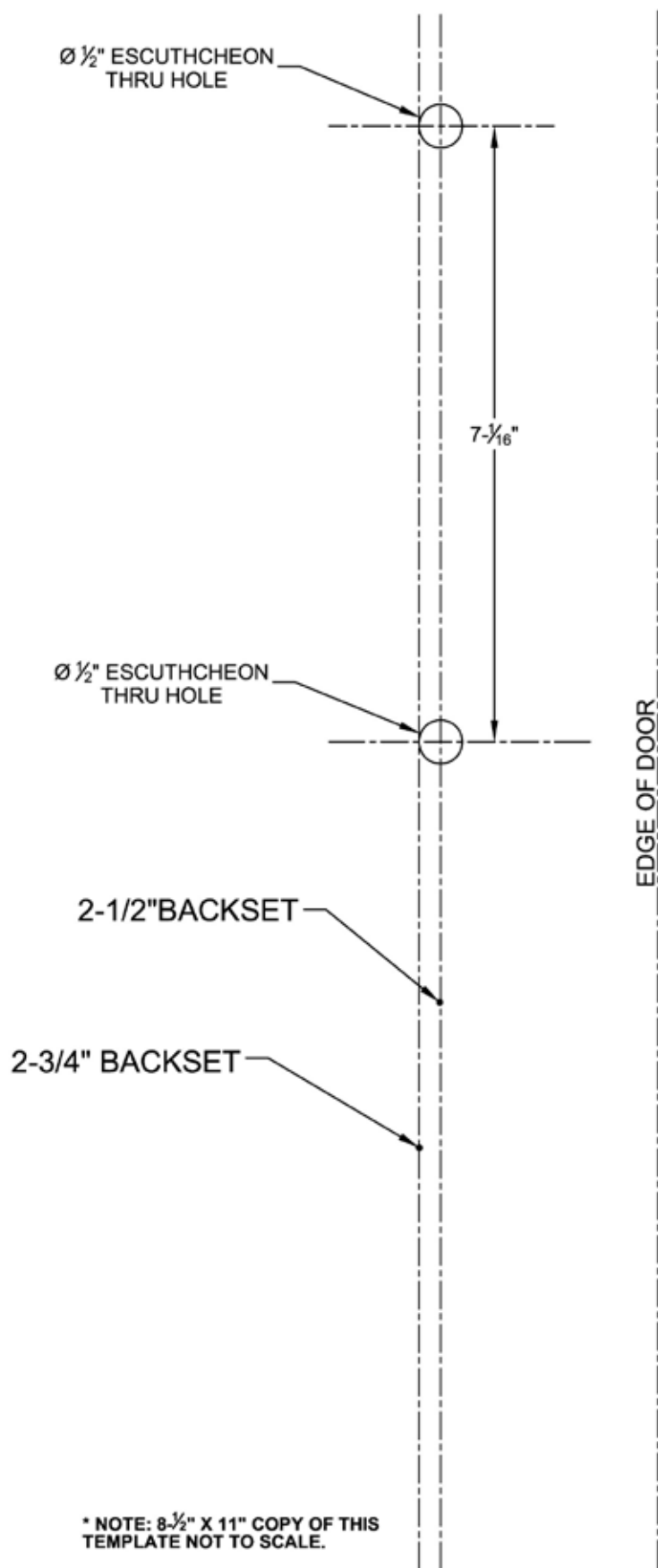
* NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.



**DUMMY MORTISE LOCK
HOLE PREPARATION
FOR LEVER BY LEVER
AND KNOB BY KNOB
(RIGHT HAND) ***

*** NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.**

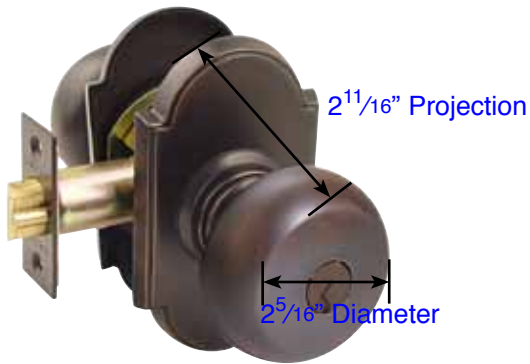
**DUMMY MORTISE LOCK
HOLE PREPARATION
FOR LEVER BY LEVER
AND KNOB BY KNOB
(LEFT HAND) ***



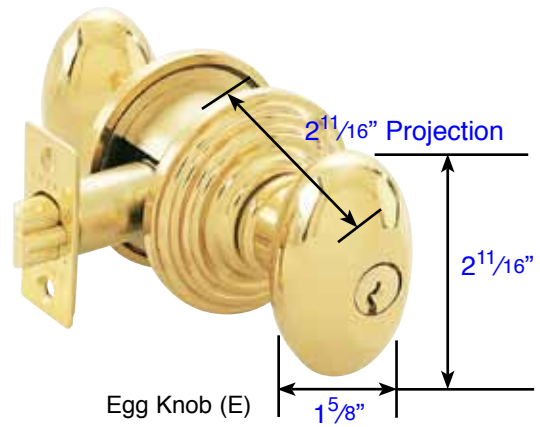
* NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.

BRASS KEY IN KNOB AND LEVER SETS

Includes Latch and Strike Plate

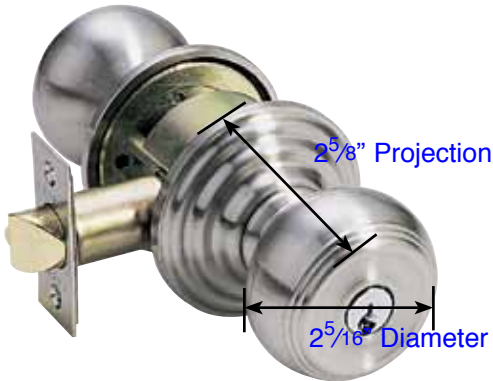


Providence Knob (P)



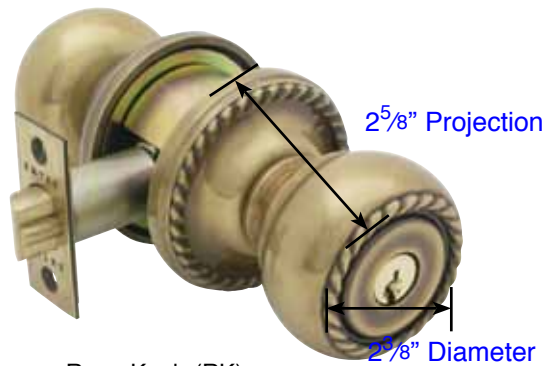
Egg Knob (E)

- Space between rosette and knob is approx. 1"



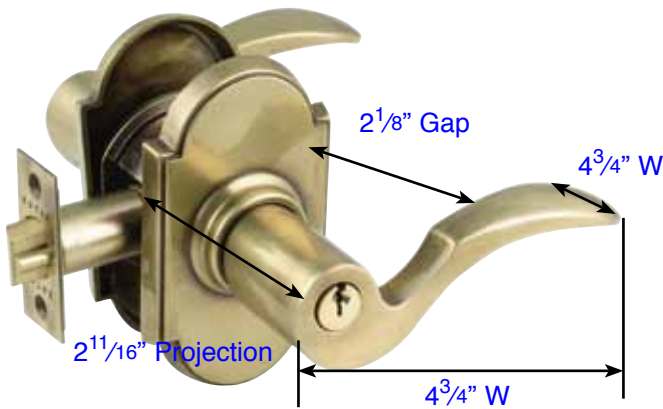
Waverly Knob (W)

- Space between rosette and knob is approx. 1"

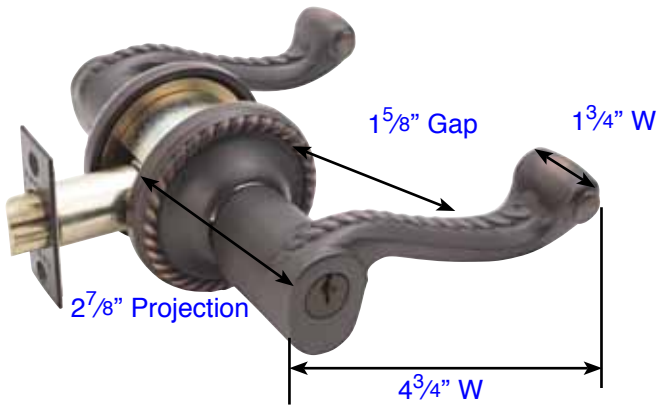


Rope Knob (RK)

- Space between rosette and knob is approx. 1"



Cortina Lever (C)

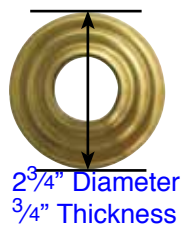


Rope Lever (RL)

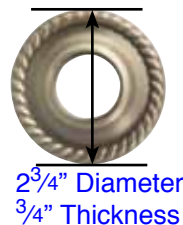
Door Thickness Specifications:

- Standard Door Thickness: 1 1/4" - 2"
- Extended Door Thickness Range: 2" - 2 3/4"

- * Specify Door Thickness when ordering
- * Extension Kit not available separately



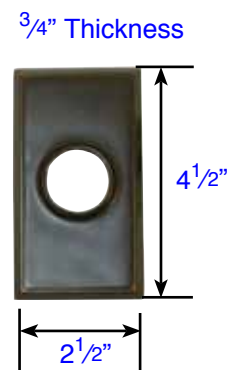
2 3/4" Diameter
3/4" Thickness



2 3/4" Diameter
3/4" Thickness



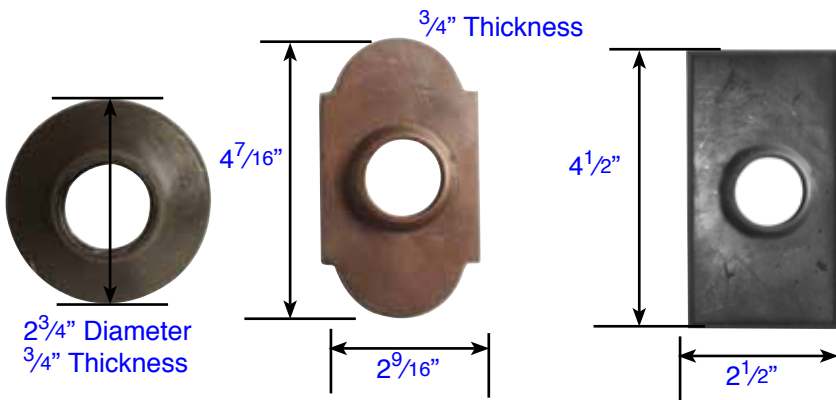
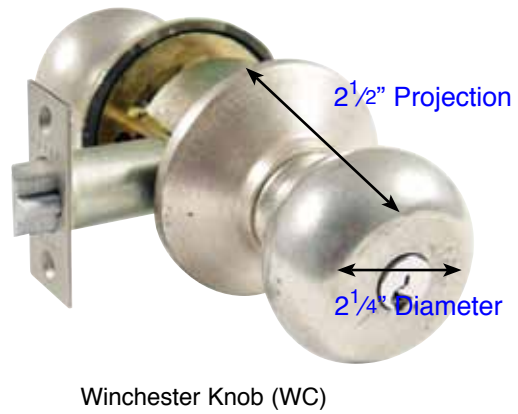
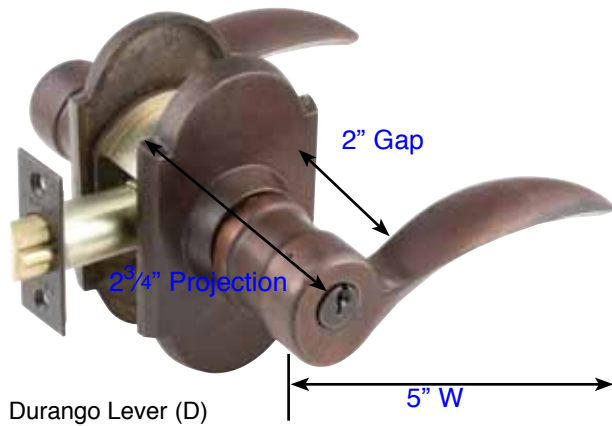
3/4" Thickness



3/4" Thickness

SANDCAST BRONZE KEY IN KNOBSET AND LEVERSET

Includes Latch and Strike Plate

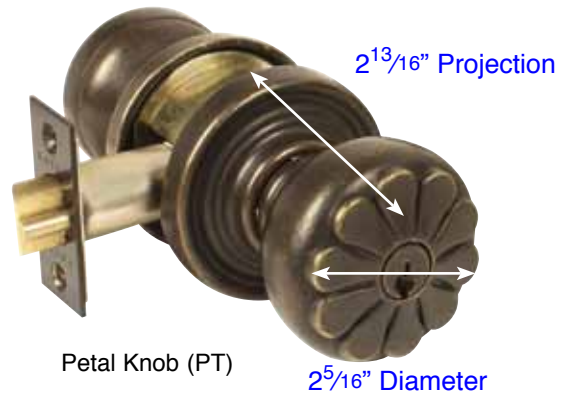
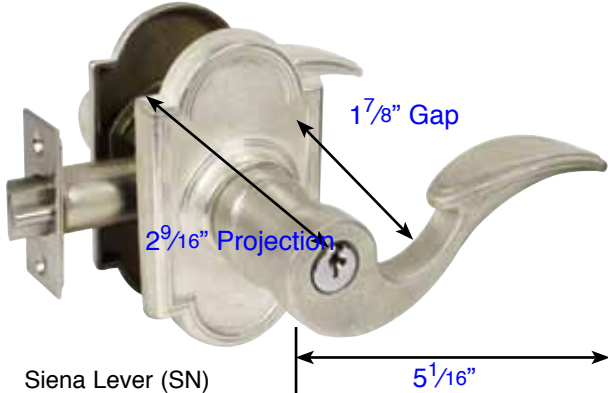


Door Thickness Specifications:

- Standard Door Thickness: 1 1/4" - 2"
- Extended Door Thickness Range: 2" - 2 3/4"

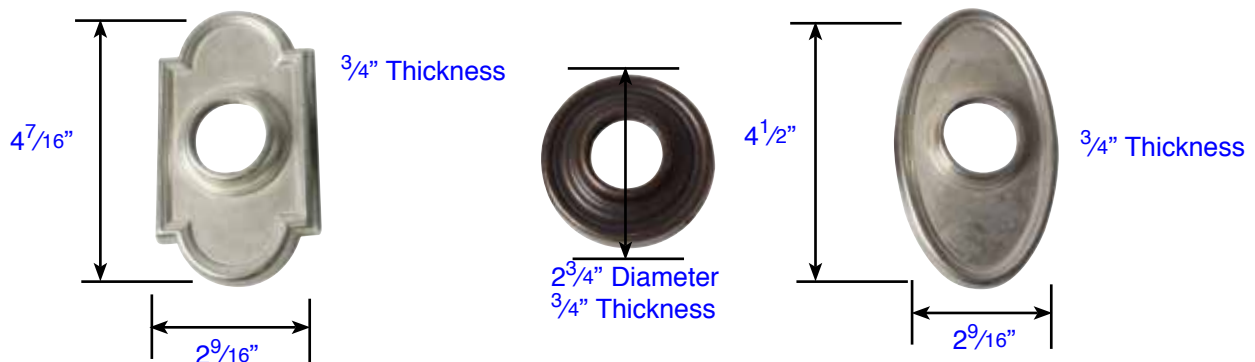
- * Specify Door Thickness when ordering
- * Extension Kit not available separately

LOST WAX CAST BRONZE KEY IN KNOBSET AND LEVERSET



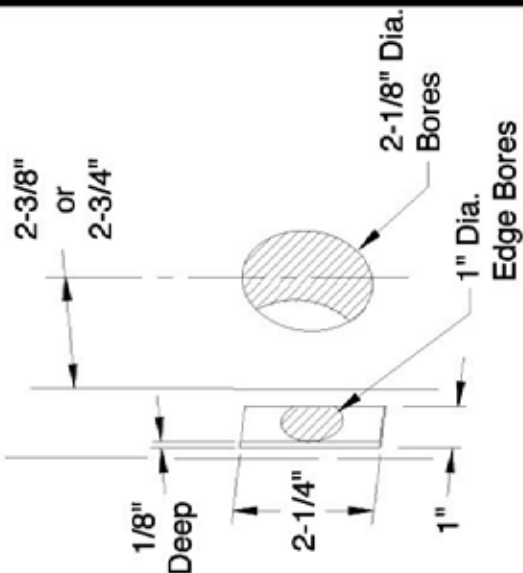
Door Thickness Specifications:

- Standard Door Thickness: 1 1/4" - 2"
- Extended Door Thickness Range: 2" - 2 3/4"



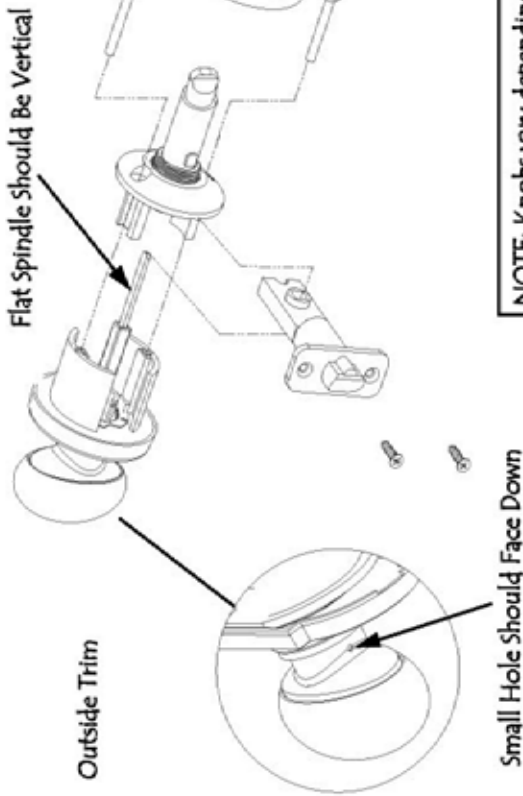
Installation Instructions-Key in knob

Door Prep



Lock Assembly

Remove Inside Knob by loosening set screw w/ Allen Wrench (provided)

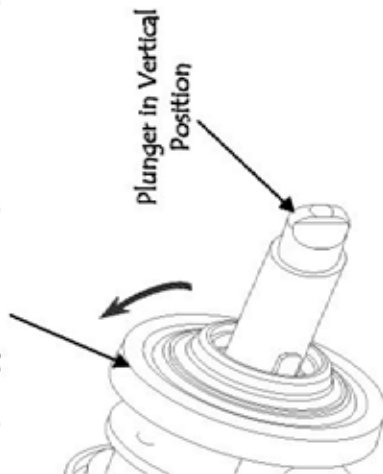


NOTE: Knobs vary depending on style.

Inside Trim

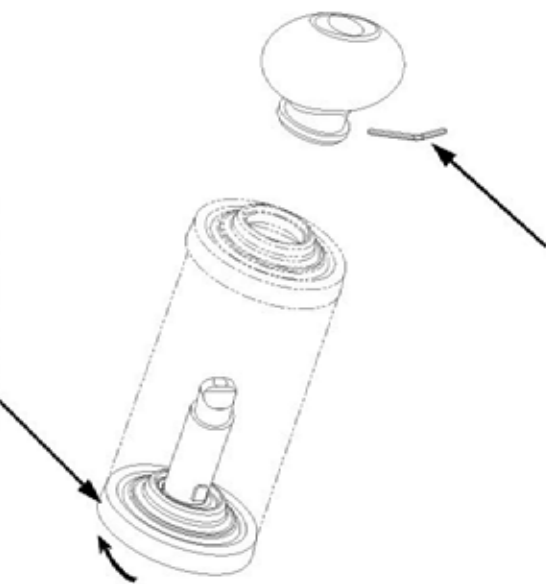
Remove Rosette

Unthread Rosette counterclockwise to remove



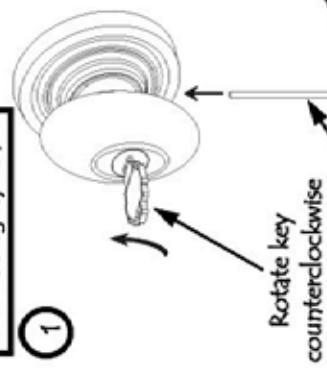
Inside Trim

Secure Inside Rosette by threading clockwise on to Stem



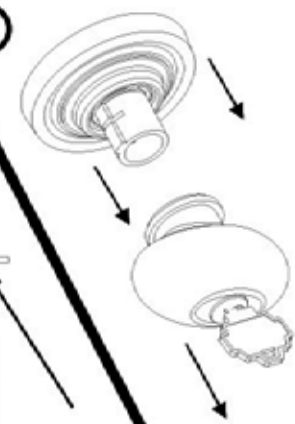
Re-Pinning Cylinder

1



2

Press wire into hole



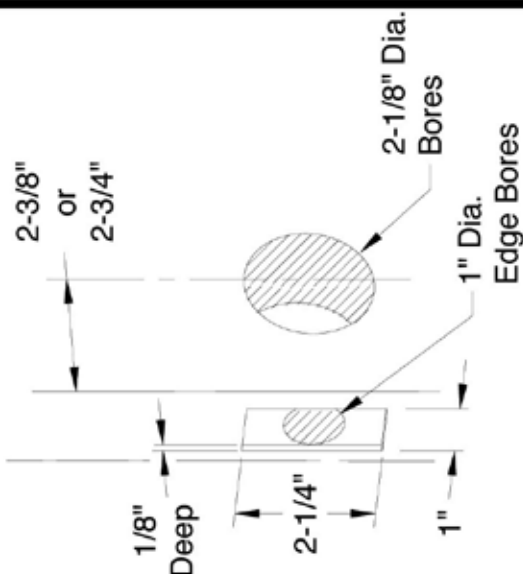
EMTEK

ASSA ABLOY

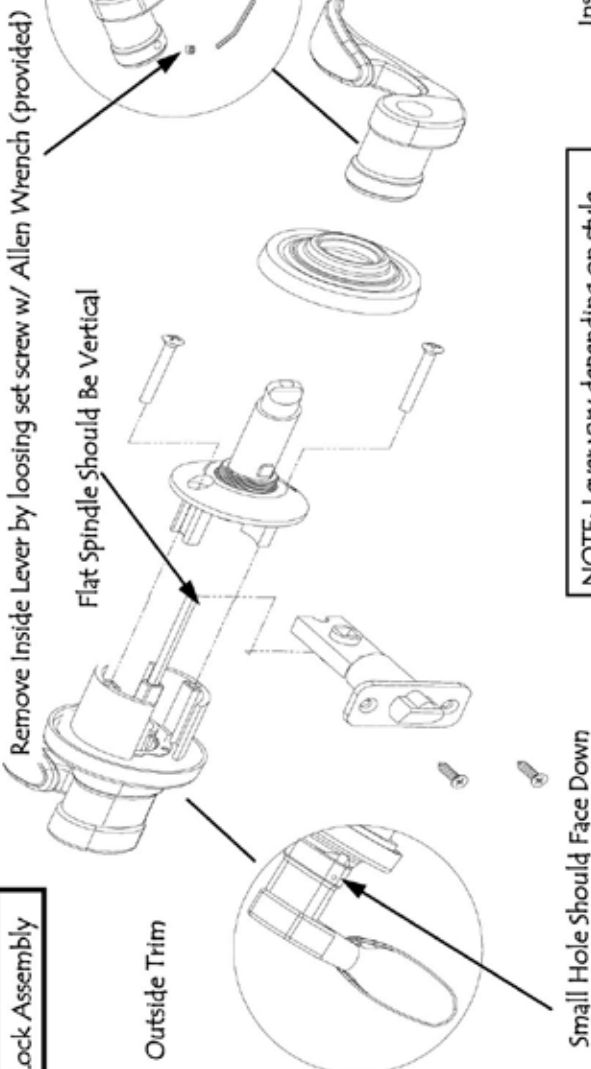
REV. 07/14/08

IN4-KEYKNOB

Door Prep

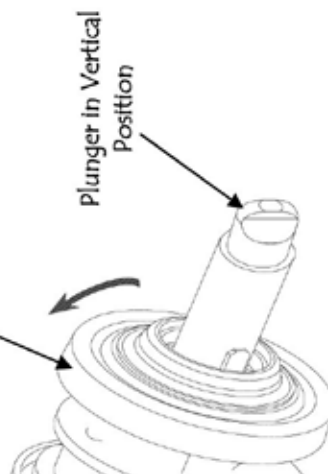


Lock Assembly



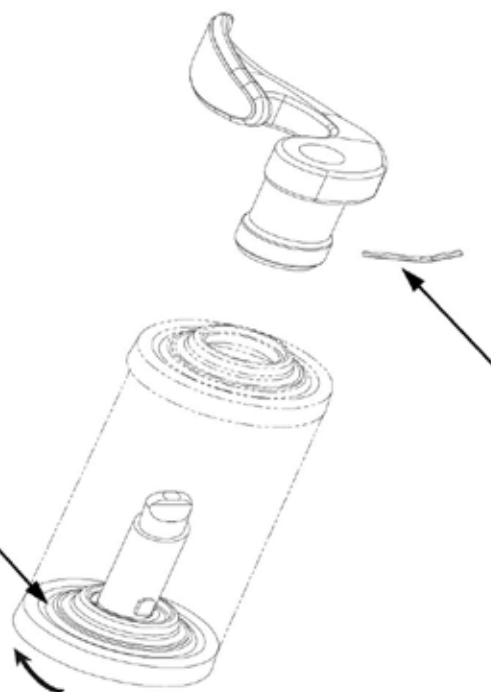
Remove Rosette

Unthread Rosette counterclockwise to remove



Inside Trim

Secure Inside Rosette by threading clockwise on to Stem



Re-Pinning Cylinder

1

Rotate key counterclockwise

Press wire into hole

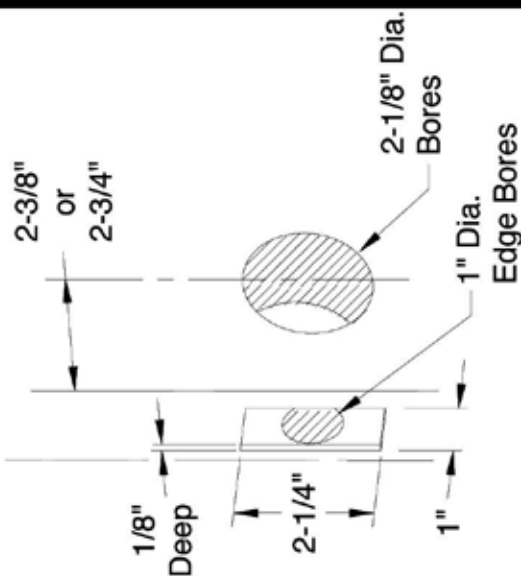
2

Side Knob off Stem

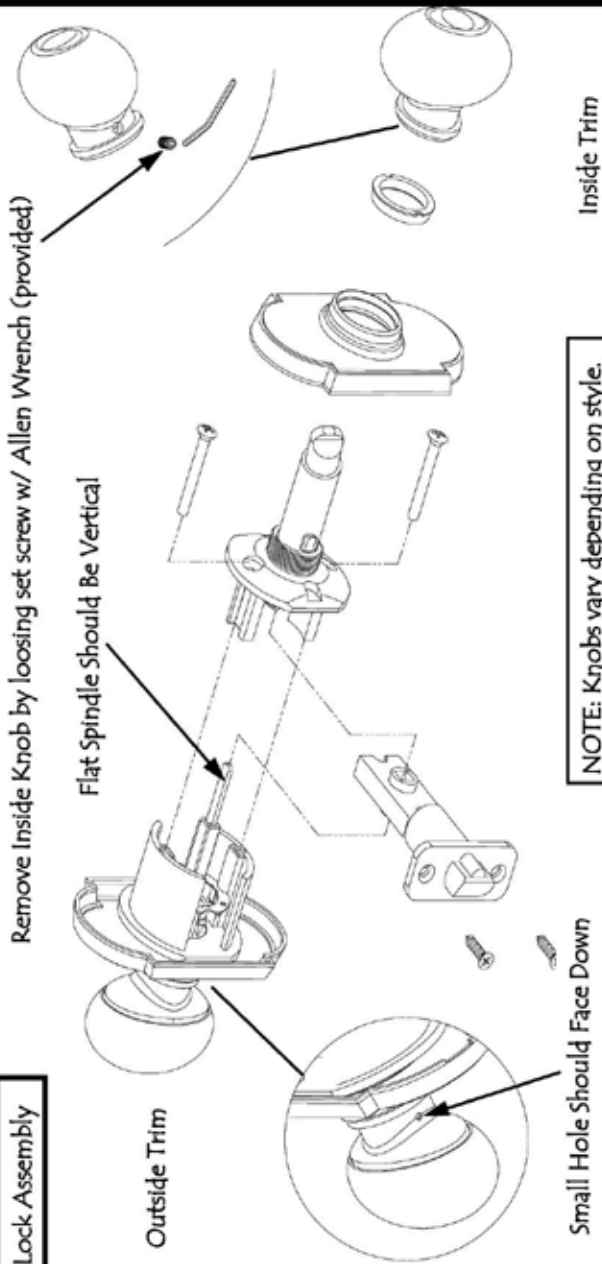
EMTEK
ASSA ABLOY

Installation Instructions-Key in knob w/ #8 Style Rosette

Door Prep

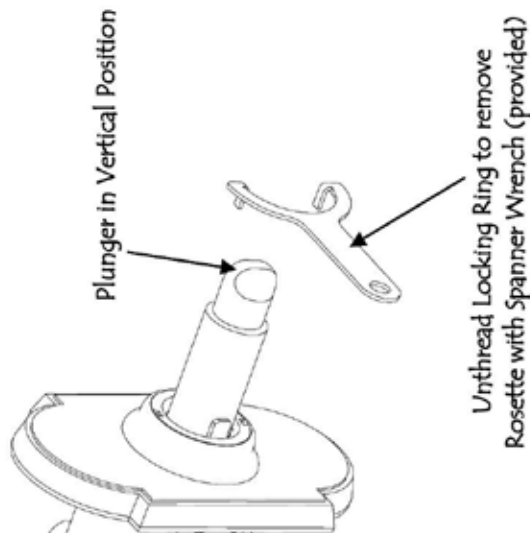


Lock Assembly



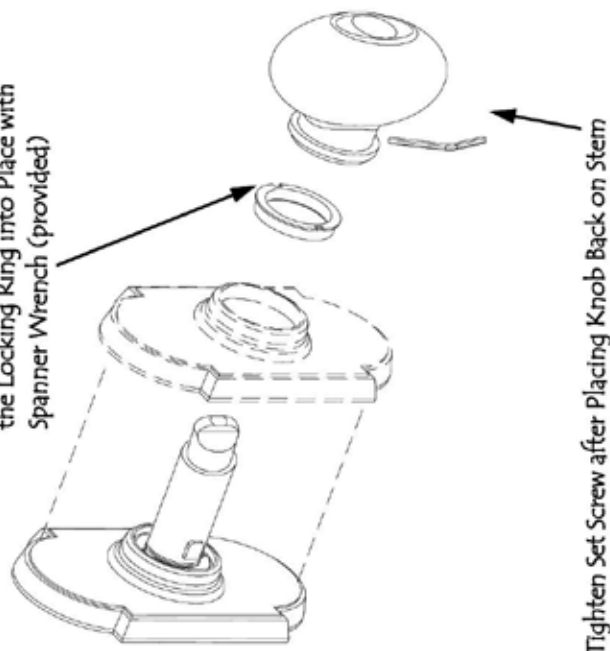
NOTE: Knobs vary depending on style.

Remove Rosette

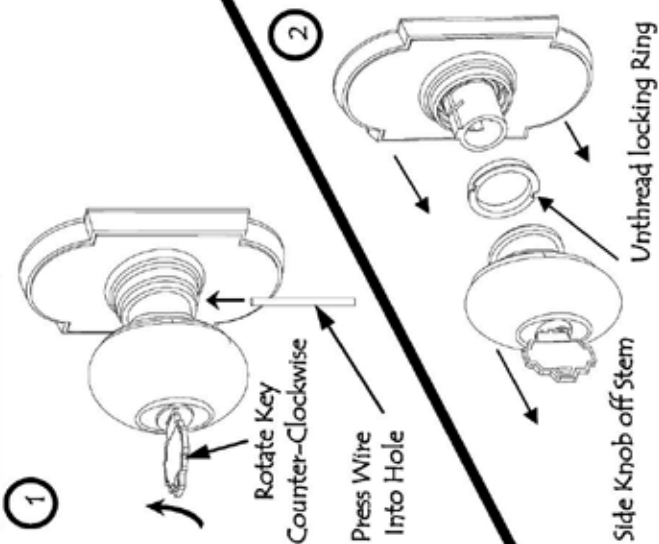


Inside Trim

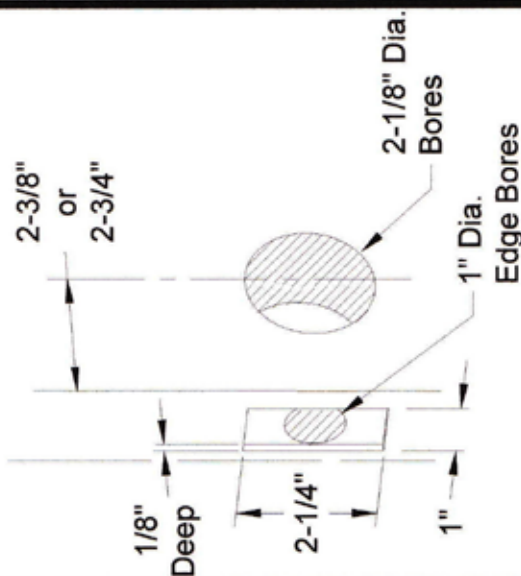
Secure Inside Rosette by threading the Locking Ring into Place with Spanner Wrench (provided)



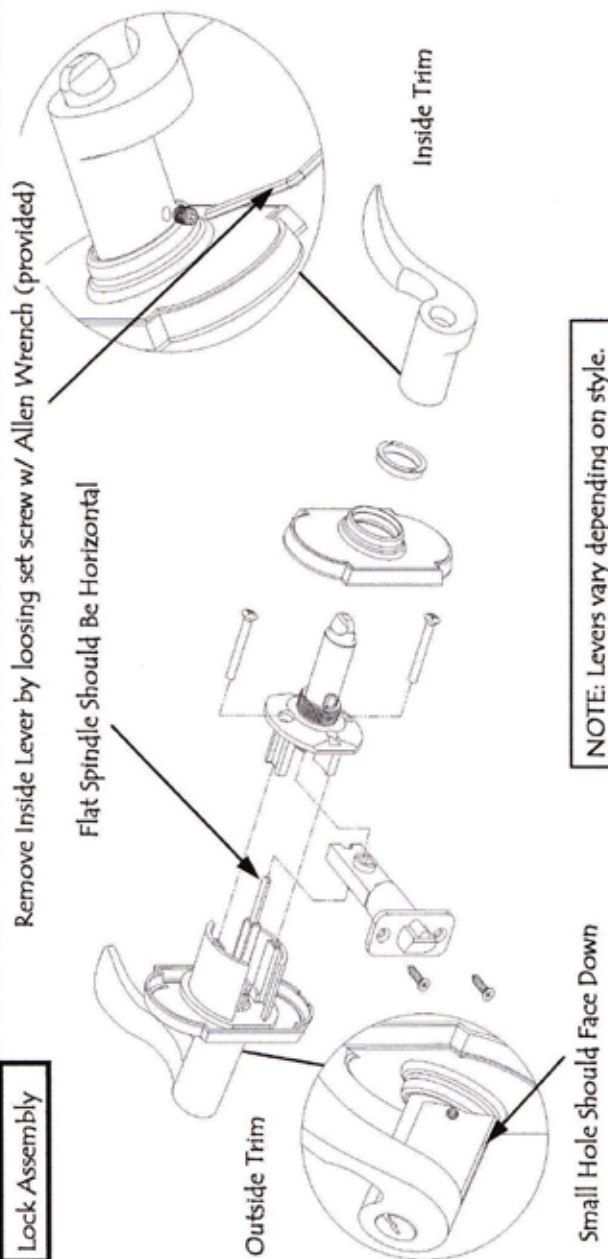
Re-Pinning Cylinder



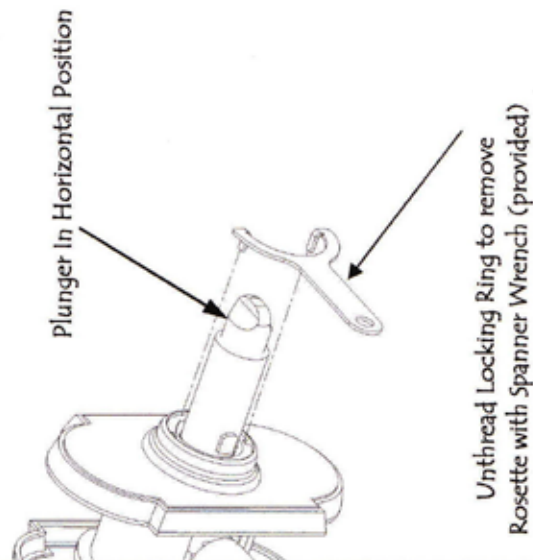
Door Prep



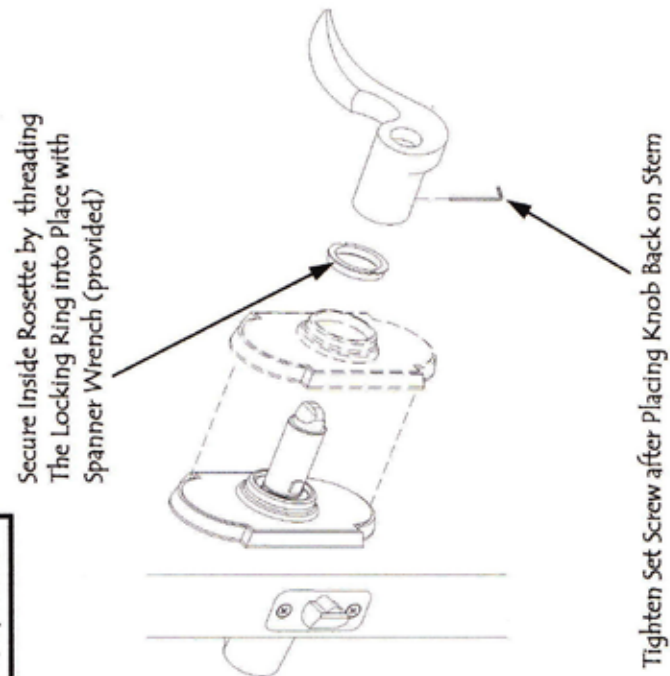
Lock Assembly



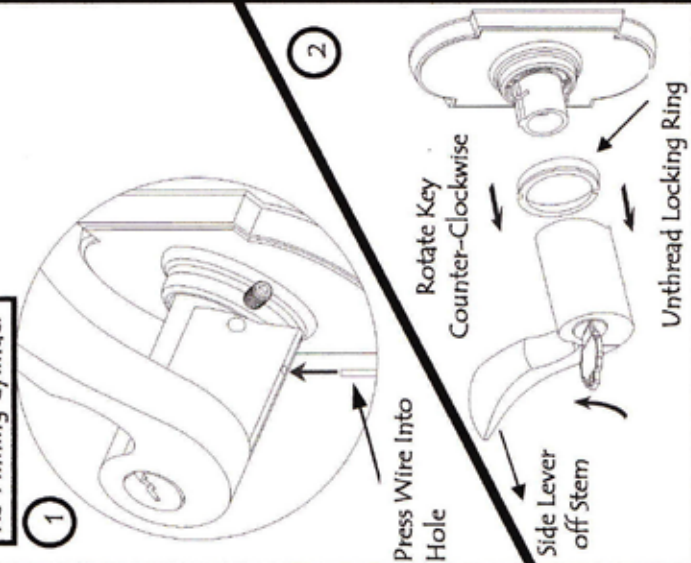
Remove Rosette



Inside Trim



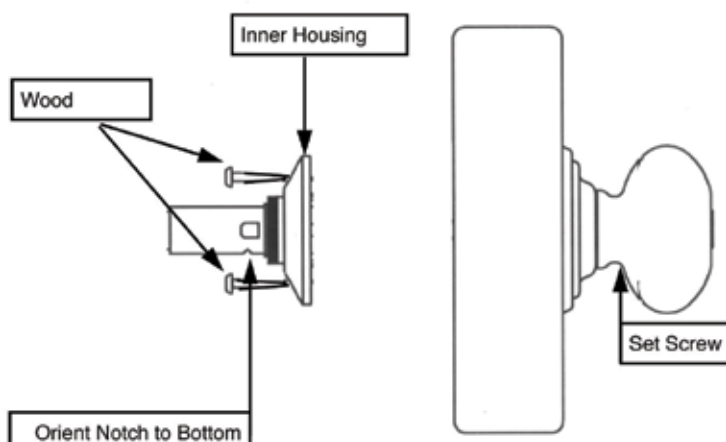
Re-Pinning Cylinder



Installation Instructions for Dummy Key in Knob Lockset



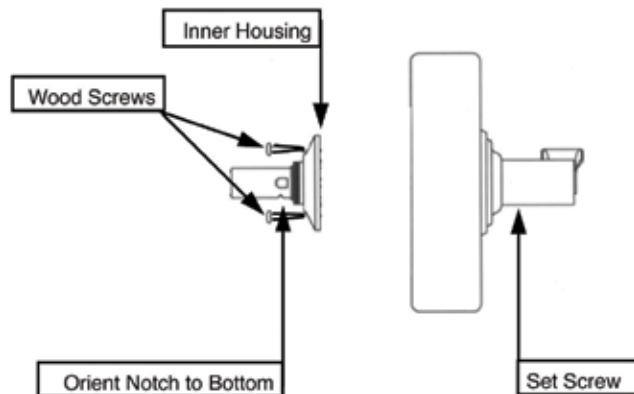
1. Unpack the lock, loosen the set screws at the bottom of each knob, remove Knobs from Inner Housing and unthread the Rosettes from Inner Housings.
2. Install inner housings onto surface of door orienting the notch on the housing to the bottom. The two wood screws should be located at the top and bottom.
3. Thread the Rosettes into the Inner Housings and slip Knobs into Inner Housings. Tighten the set screws at the bottom of each Knob.



Installation Instructions for Dummy Key in Lever Lockset



1. Unpack the lock and loosen the set screws at the bottom of each Lever. Remove Levers from Inner Housing and unthread the Rosettes from Inner Housings.
2. Install inner housings onto surface of door orienting the notch on the housing to the bottom. The two wood screws should be located at the top and bottom.
3. Thread the Rosettes into the Inner Housings and slip Levers into Inner Housings. Tighten the set screws at the bottom of each Lever.



SINGLE POINT & TWO POINT LOCKS WITH TRENTON PLATES

5¹/₂" C-TO-C DOOR PREP

Single Point Lock
Key in Handle
5300



Single Point Lock
Key in Handle, Dummy
5350



Two Point Lock
Single Cylinder
5310



Two Point Lock
Double Cylinder
5320



- Standard Door Thickness: 1⁵/₈"- 2"
- **Extended** Door Thickness: 2"- 2¹/₂"
- Specify Door Thickness when ordering
- Extension Kit not available separately

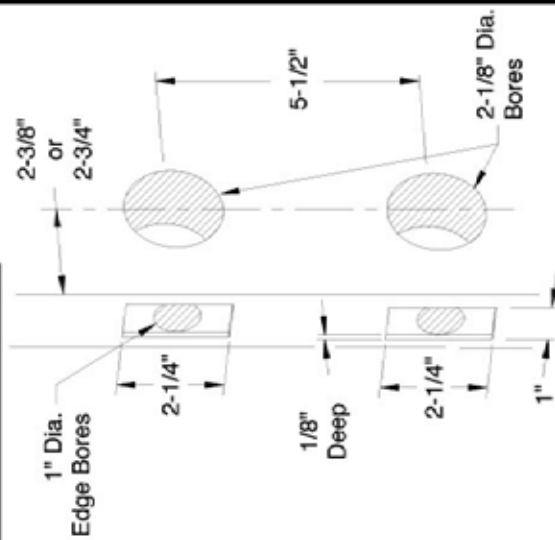
- Schlage C Keyway
- Standard Door Prep and Installation
- Door Prep 5¹/₂" C-To-C

- Plate dimensions are the same as Trenton Plate Style on page 51
- Projection depends on Knob/Lever Style

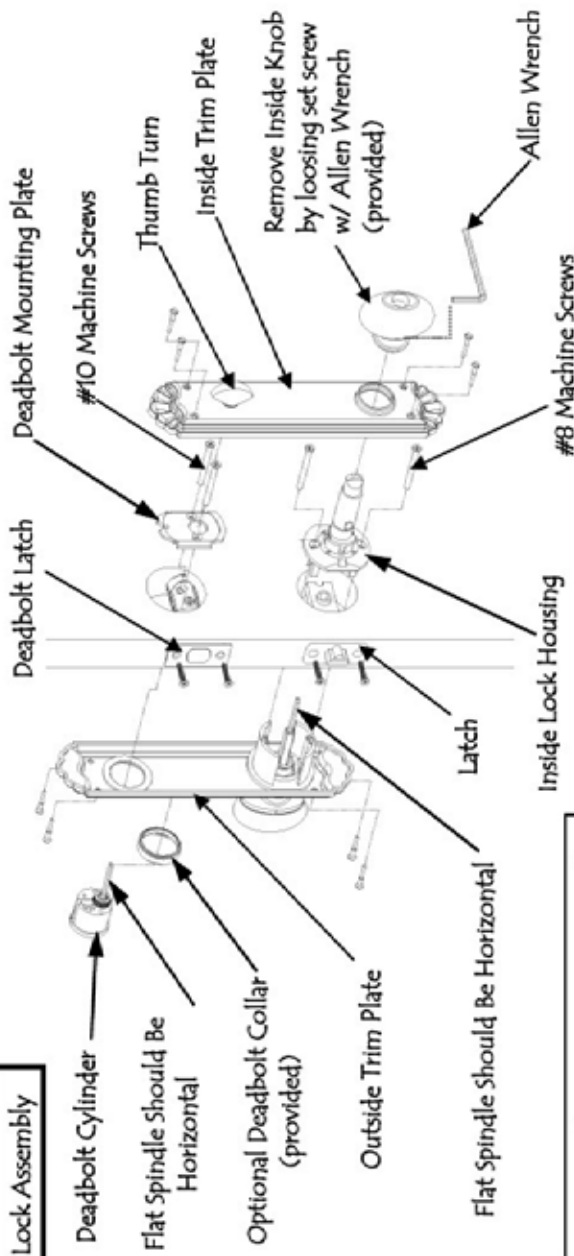
Installation Instructions for 2 Point Entry Lockset Models 5310 & 5320

- 1) Install latch and deadbolt mechanism in door.
- 2) Remove inside knob by loosening set screw with allen wrench (provided).
- 3) Fasten outside trim plate to Inside lock housing with #8 machine screws (provided). Flat spindle should be horizontal when installing to inside lock housing.
- 4) Install deadbolt cylinder. Use #10 machine screws (provided). Secure to dead bolt mounting plate. Flat spindle should be horizontal when installing.
- 5) Slide inside trim plate over inside lock housing and snap into place. At the same time, engage deadbolt spindle into thumb turn.
- 6) Install inside knob over stem and tighten set screw.
- 7) Fasten outside and inside trim plates to door with #8 wood screws (provided).

Door Prep - Active Lock



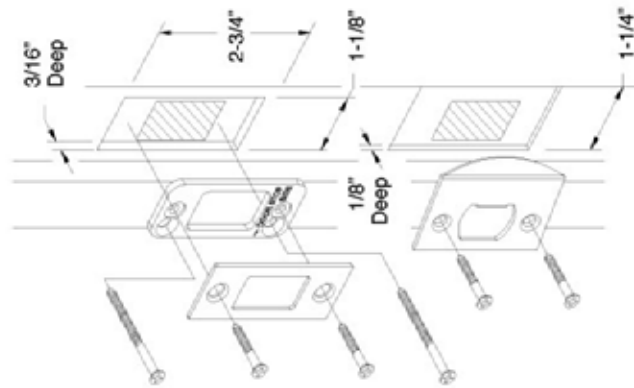
Lock Assembly



Flat Spindle Should Be Horizontal

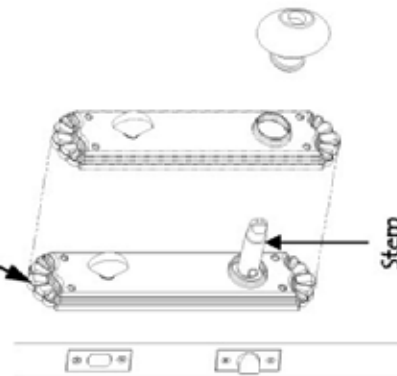
NOTE: Knobs vary depending on style.

Door Jamb for Active Locks



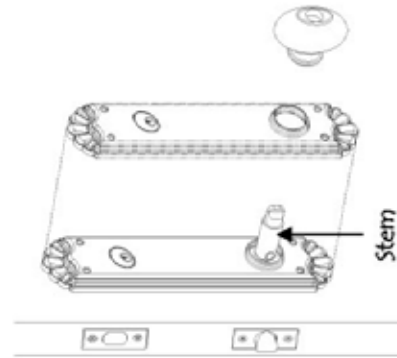
Inside

Secure Inside Side Plate by Snapping it into Place



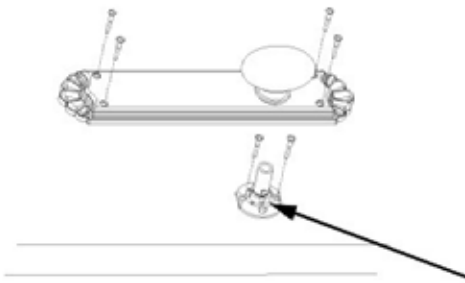
Tighten Knob Set Screw after Sliding onto Stem

Inside With Double Cylinder



Tighten Knob Set Screw after Sliding onto Stem

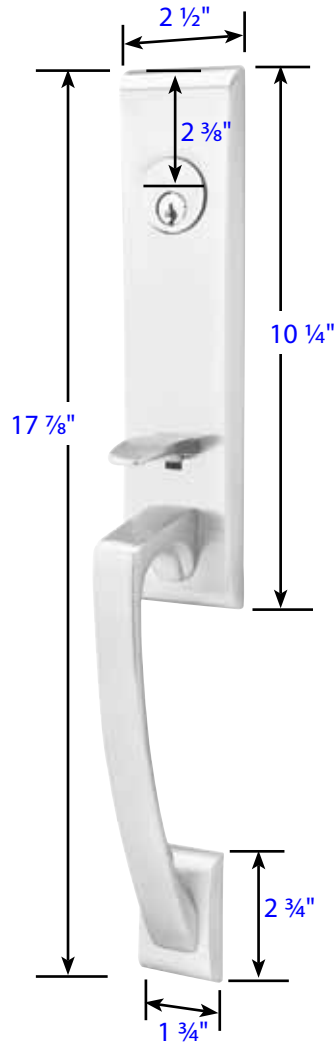
Inside With Dummy



Installation Instructions for 2 Point Entry Lockset Models 5310 & 5320

- 1) Install latch and deadbolt mechanism in door.
- 2) Remove inside knob by loosening set screw with allen wrench (provided).
- 3) Fasten Outside Trim plate to Inside Lock Housing with #8 machine screws (provided). Flat spindle should be horizontal when installing to inside lock housing.
- 4) Install deadbolt cylinder. Use #10 machine screws (provided). Secure to dead bolt mounting plate. Flat spindle should be horizontal when installing.
- 5) Slide inside trim plate over inside lock housing and snap into place. At the same time, engage deadbolt spindle into thumb turn.
- 6) Install inside knob over stem and tighten set screw.
- 7) Fasten Outside and Inside Trim plates to door with #8 wood screws (provided).

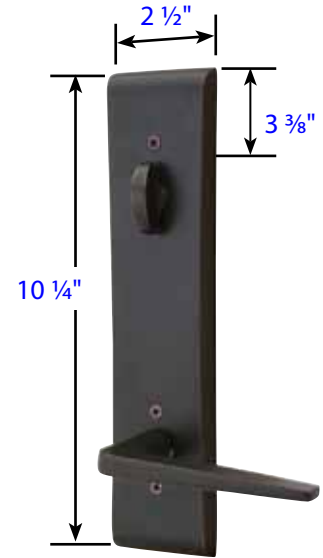
BRASS TUBULAR ENTRANCE HANDLESETS



Apollo Style
Part # 4815



Orion Trim Style
Part # 4816



Standard interior trim
Part # 4815 & 4816

Additional Dimensions: (Part# 4815)

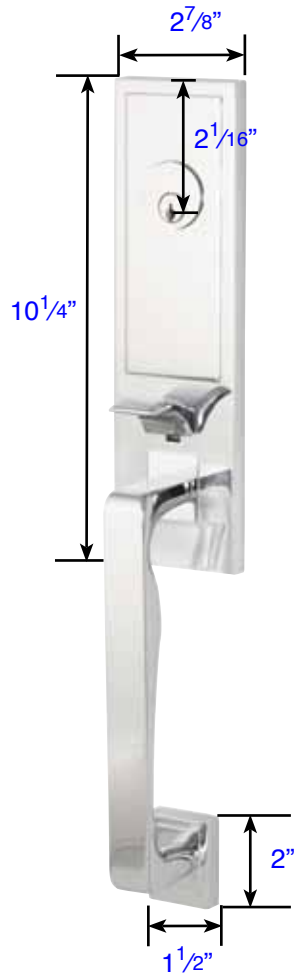
- Exterior Projection is 2 $\frac{3}{4}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is 2 $\frac{1}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part# 4816)

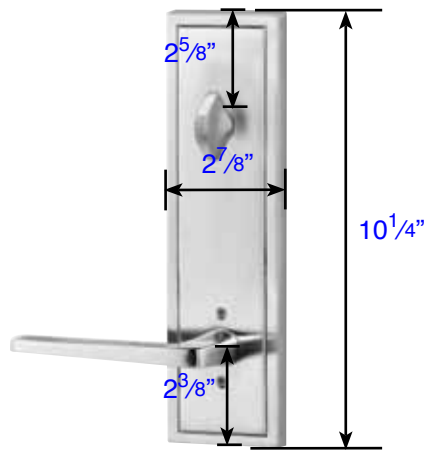
- Exterior Projection is 2 $\frac{3}{4}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is 1 $\frac{3}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

BRASS TUBULAR ENTRANCE HANDLESETS



Zeus Style
Part # 4814



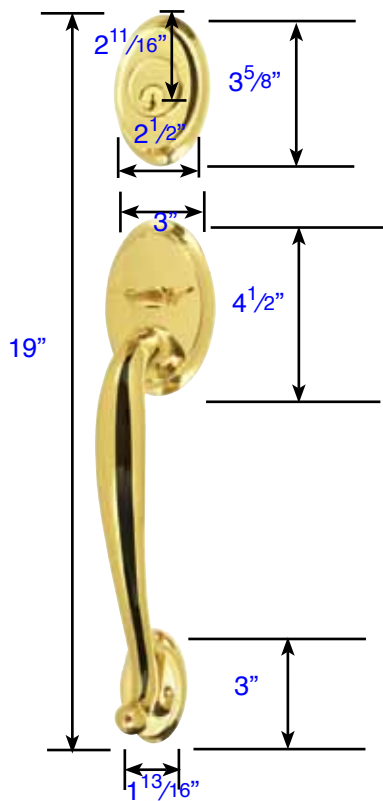
Standard interior trim
Part # 4814

Additional Dimensions: (Part # 4814)

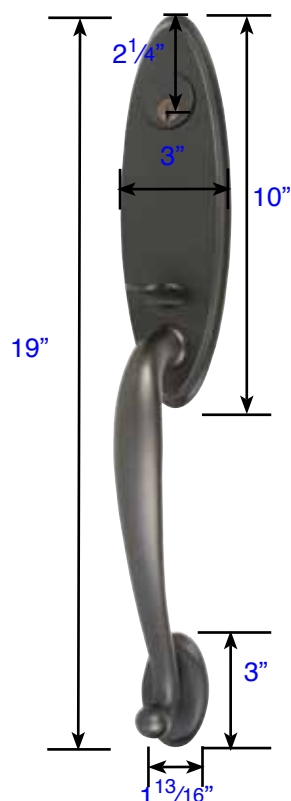
- Exterior Projection is 2 1/2"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1 1/16"
- Clearance between door & grip is 1" - 1 3/8"
- Plates thickness: 7/16"

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

BRASS TUBULAR ENTRANCE HANDLESETS



Saratoga Style
Part # 4410



Marietta Style
Part # 4411

Additional Dimensions: (Part # 4410)

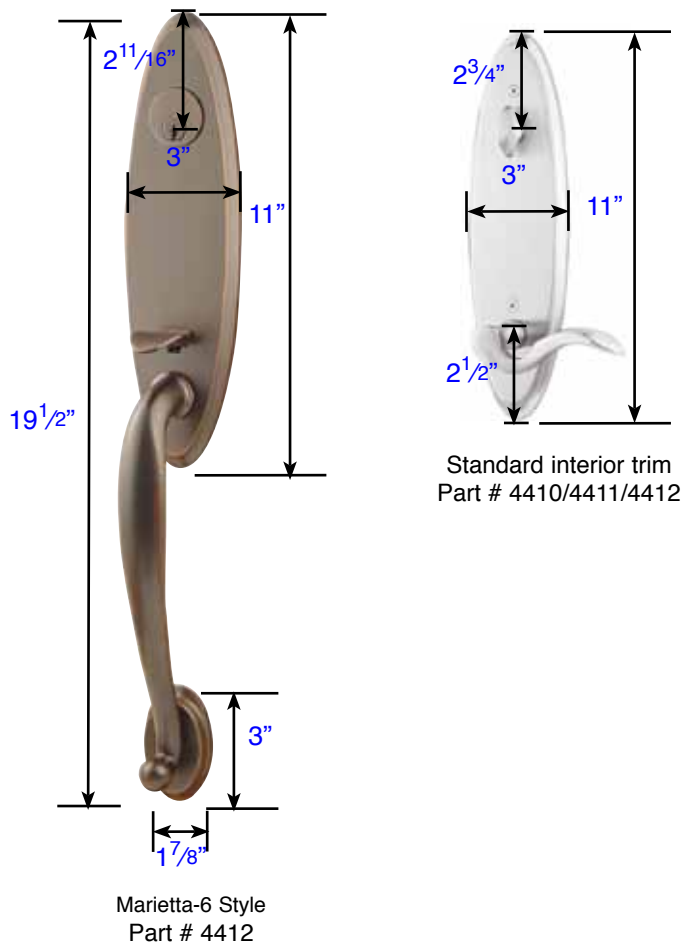
- Exterior Projection is $2\frac{11}{16}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{4}$ "
- Clearance between door & grip is $1\frac{15}{16}$ "
- Standard Interior trim dimensions same as 8450, 8350, 8100
- Plates thickness: $\frac{7}{16}$ "

Additional Dimensions: (Part # 4411)

- Exterior Projection is $2\frac{3}{4}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{3}{4}$ "
- Clearance between door & grip is 2"
- Plates thickness: $\frac{1}{2}$ "

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

BRASS TUBULAR ENTRANCE HANDLESETS

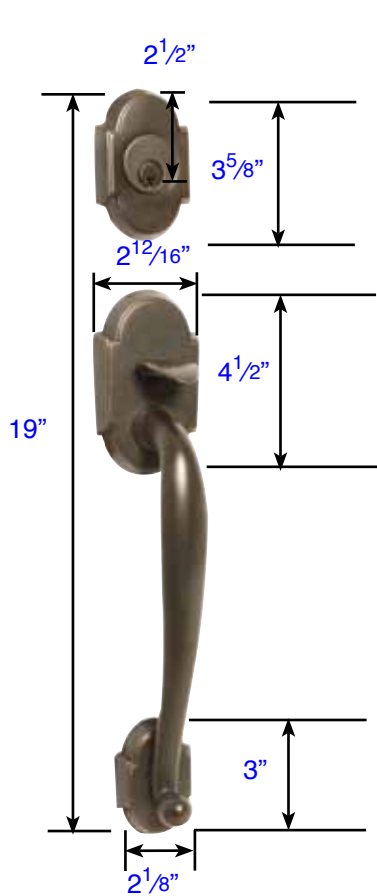


Additional Dimensions: (Part # 4412)

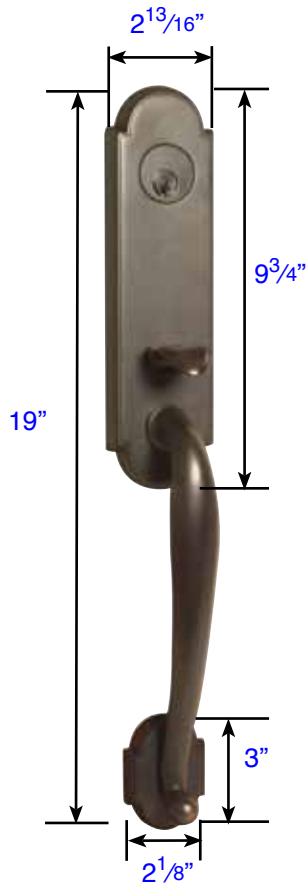
- Exterior Projection is 2 11/16"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1 3/4"
- Clearance between door & grip is 2"
- Plates thickness: 7/16"

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

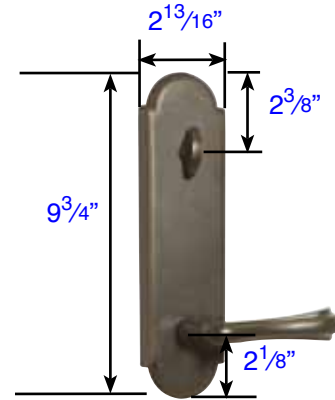
BRASS TUBULAR ENTRANCE HANDLESETS



Nashville Style
Part # 4312/4322



Richmond Style
Part # 4313/4323



Standard interior trim
Part # 4313

Additional Dimensions: (Part # 4312/4322)

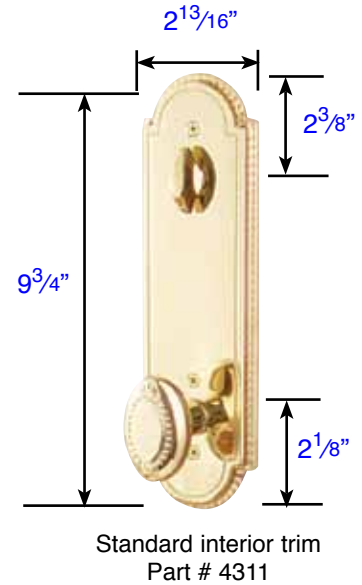
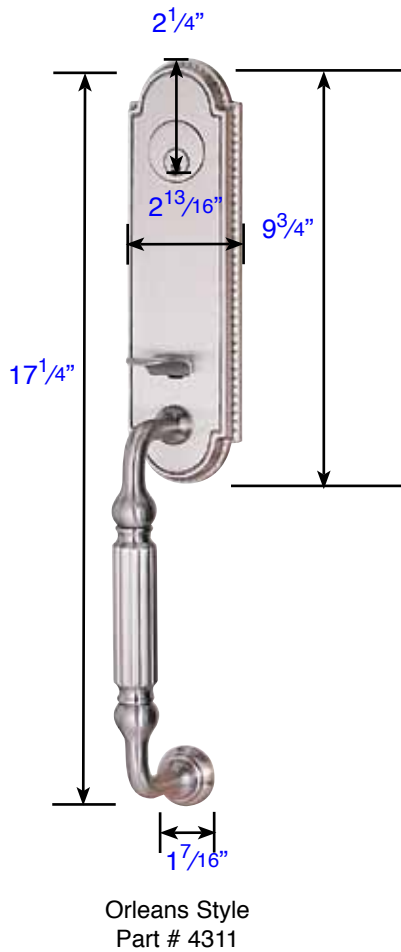
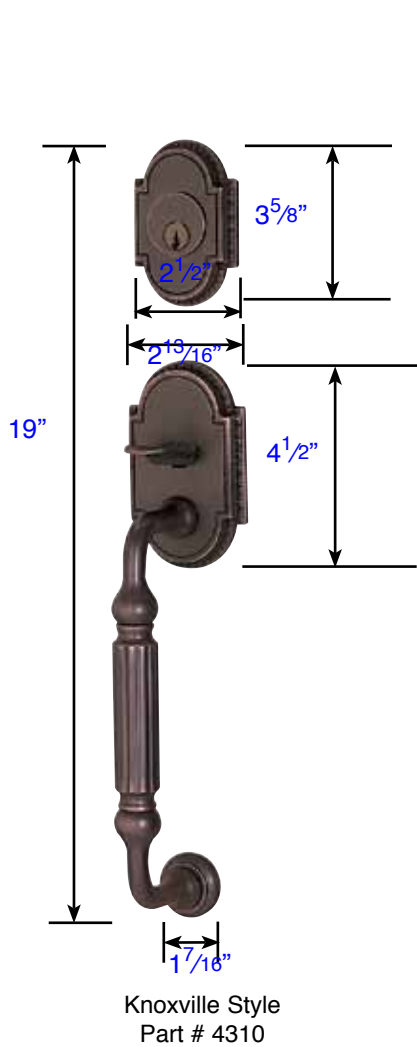
- Exterior Projection is 2 11/16"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1 1/4"
- Clearance between door & grip is 1 15/16"
- Standard Interior trim dimensions same as 8108, 8466, 8366
- Plates thickness: 1/2"

Additional Dimensions: (Part # 4313/4323)

- Exterior Projection is 2 11/16"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1 1/4"
- Clearance between door & grip is 2"
- Plates thickness: 1/2"

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

BRASS TUBULAR ENTRANCE HANDLESETS



Additional Dimensions: (Part # 4310)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is 1 1/2"
- Standard Interior trim dimensions same as 8458, 8358, 8108
- Plates thickness: 1/2"

Additional Dimensions: (Part # 4311)

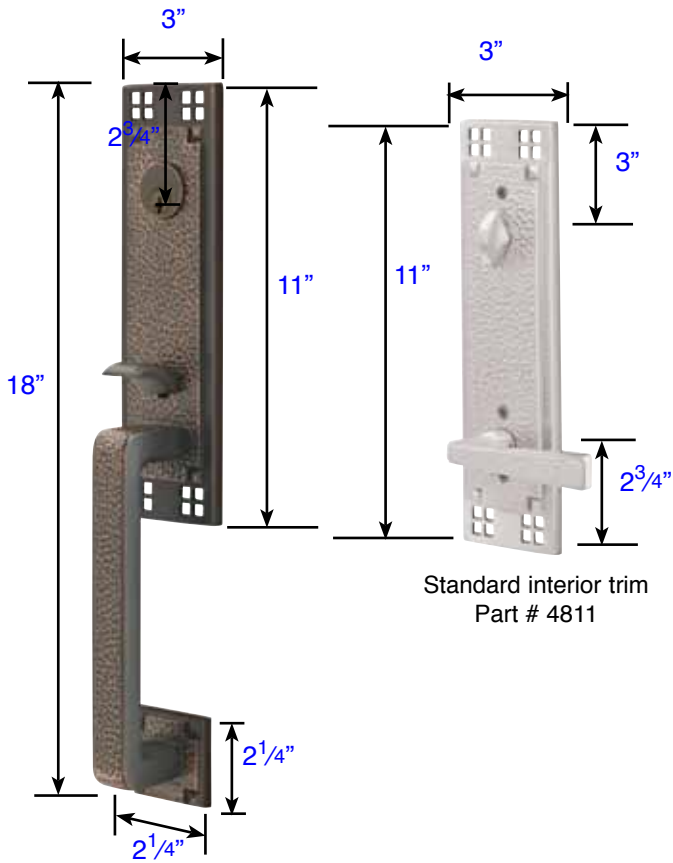
- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is 1 1/2"
- Plates thickness: 1/2"

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

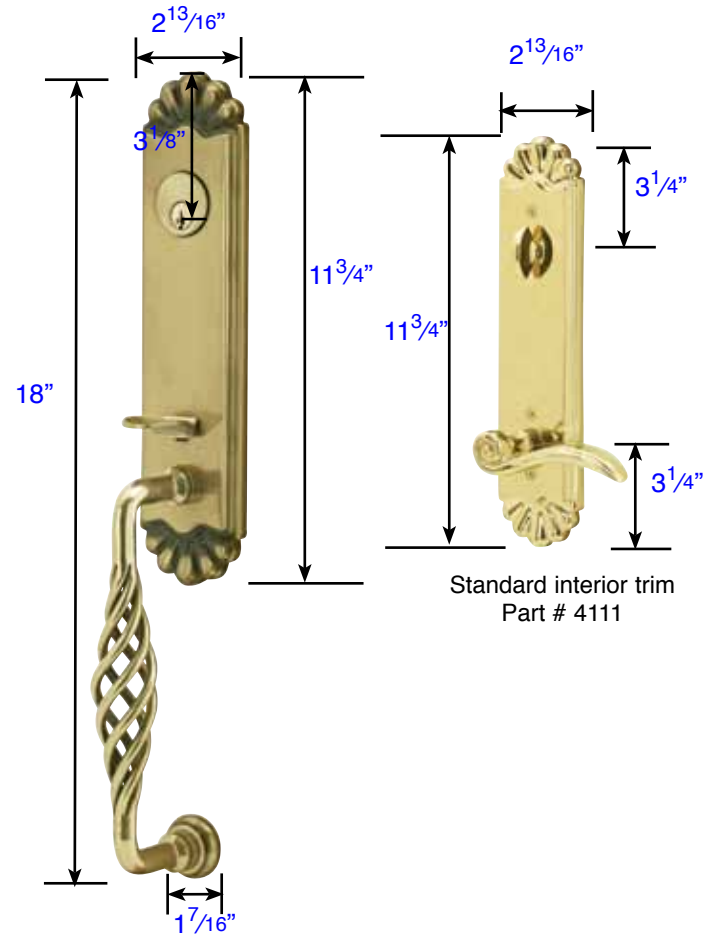
EMTEK PRODUCTS INC.

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BRASS TUBULAR ENTRANCE HANDLESETS



Arts & Crafts Style
Part # 4811



Valley Forge Style
Part # 4111

Additional Dimensions: (Part # 4811)

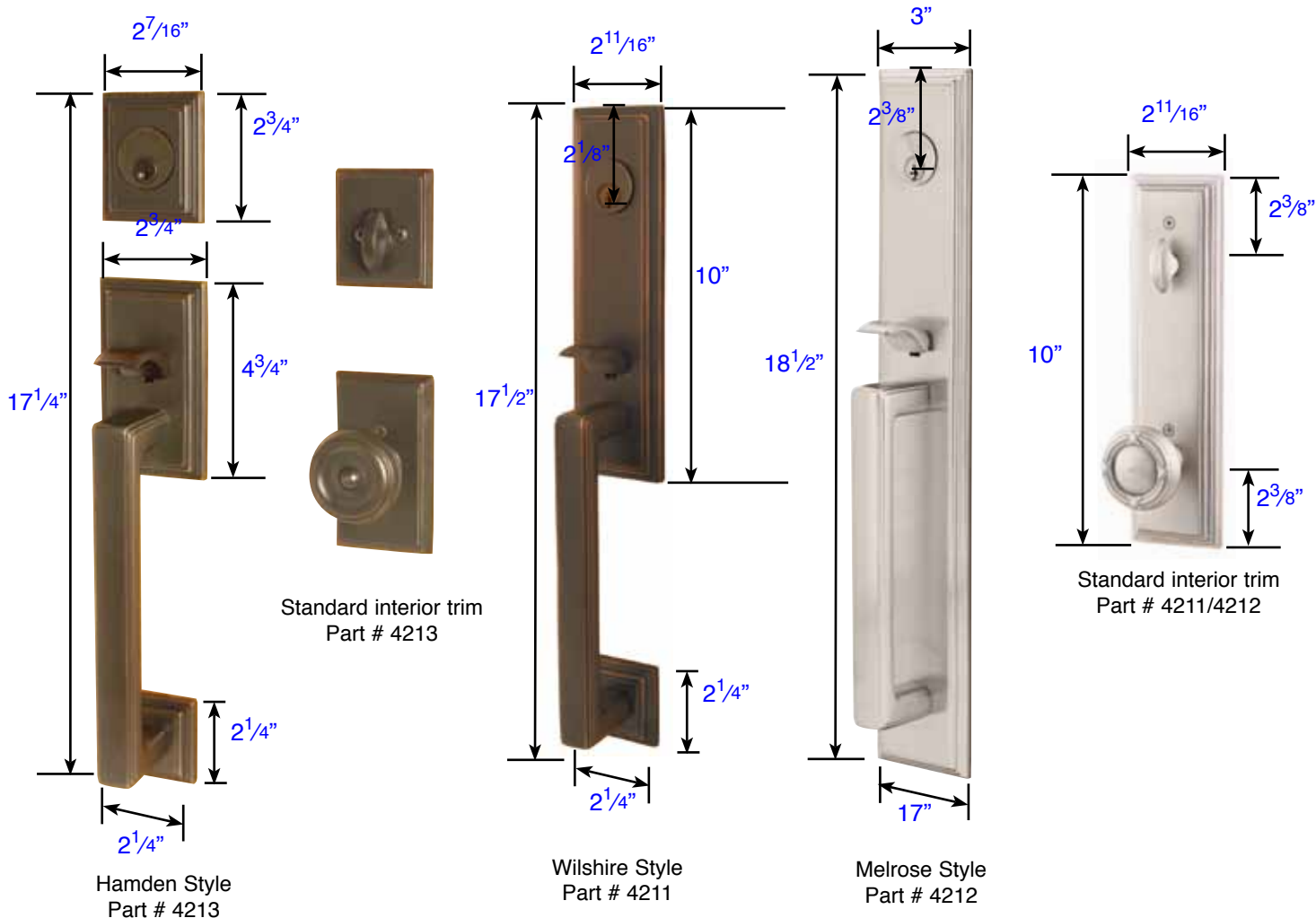
- Exterior Projection is $2\frac{5}{8}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{4}$ "
- Clearance between door & grip is $1\frac{1}{2}$ "
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 4111)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{7}{16}$ "
- Clearance between door & grip is $1\frac{1}{4}$ "
- Plates thickness: $\frac{1}{2}$ "

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

BRASS TUBULAR ENTRANCE HANDLESETS



Additional Dimensions: (Part # 4213/4211/4212)

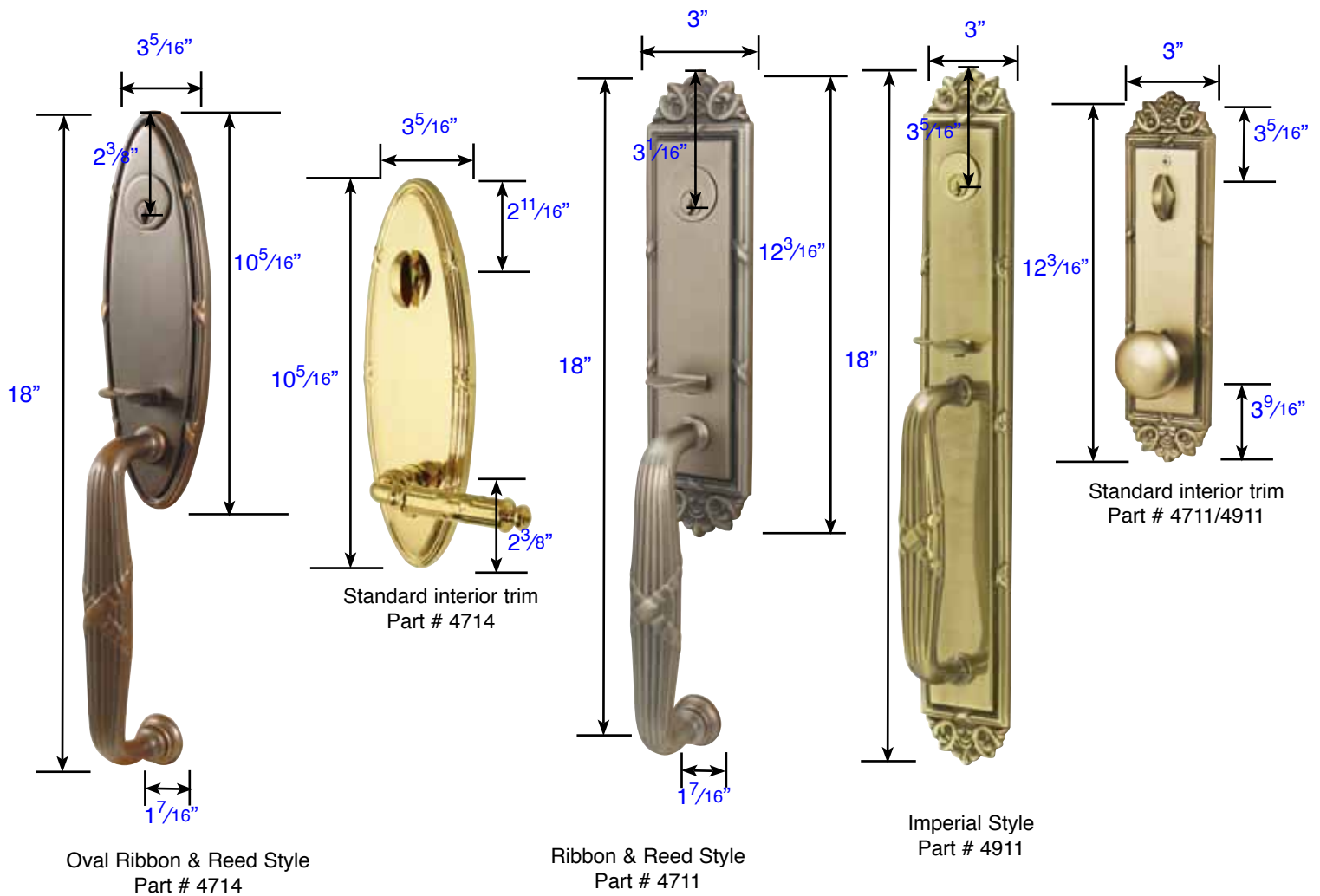
- Exterior Projection is $2\frac{5}{8}"$
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1"$
- Clearance between door & grip is $1\frac{3}{8}"$
- Standard Interior trim dimensions same as 8468, 8368, 8121
- Plates thickness: $\frac{1}{2}"$

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

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BRASS TUBULAR ENTRANCE HANDLESETS

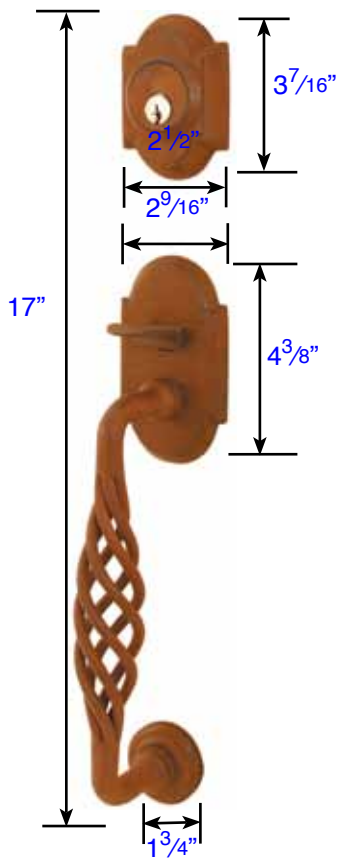


Additional Dimensions: (Part # 4714/4711/4911)

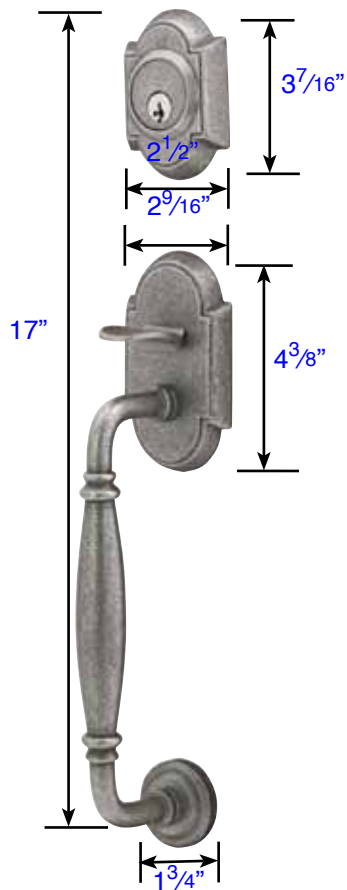
- Exterior Projection is $2\frac{11}{16}"$
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{5}{16}"$
- Clearance between door & grip is $1\frac{9}{16}"$
- Plates thickness: $\frac{1}{2}"$

- Refer to page 61 for Door Thickness Specifications
- Same dimensions for dummy function

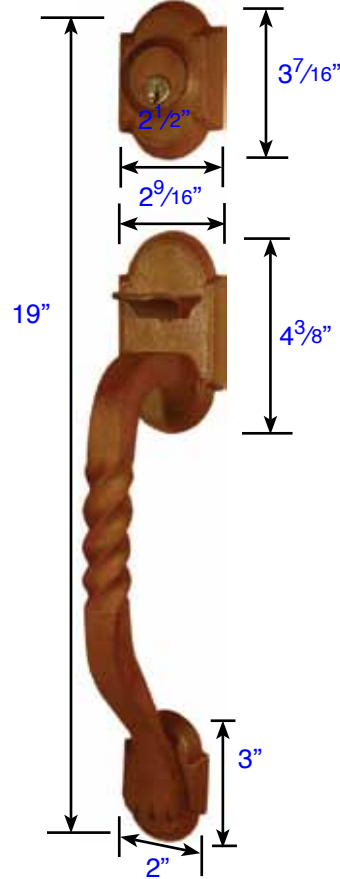
WROUGHT STEEL TUBULAR ENTRANCE HANDLESETS



Sectional Style
Lafayette Grip
Part # 461212



Sectional Style
Normandy Grip
Part # 461222



Sectional Style
San Carlos Grip
Part # 461232



Standard interior trim
Part #
461212/461222/461232

Additional Dimensions: (Part # 461212/461222)

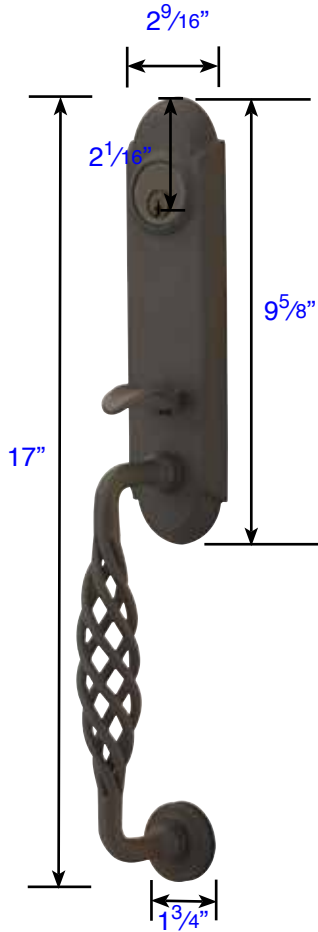
- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $\frac{3}{4}$ "
- Clearance between door & grip is $1\frac{5}{8}$ "
- Standard Interior trim dimensions same as 8451, 8361, 7101
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 461232)

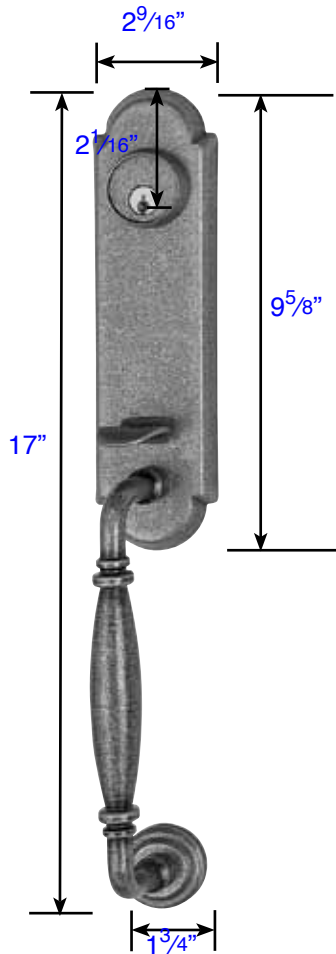
- Exterior Projection is $3\frac{1}{2}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $\frac{3}{4}$ "
- Clearance between door & grip is 2"
- Standard Interior trim dimensions same as 8451, 8361, 7101
- Plates thickness: $\frac{1}{2}$ "

- Refer to page 62 for Door Thickness Specifications
- Same dimensions for dummy function

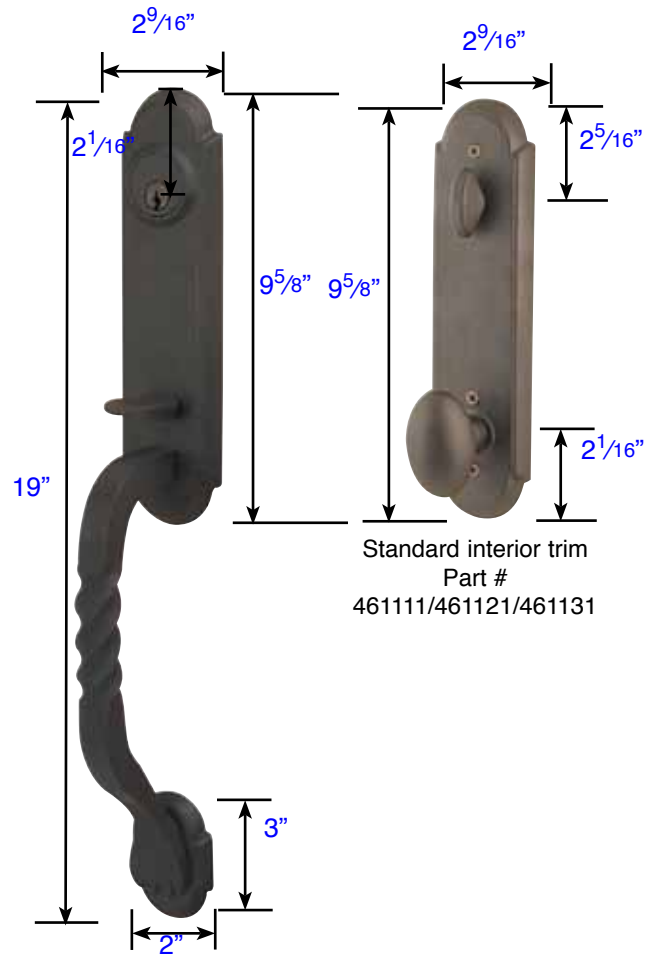
WROUGHT STEEL TUBULAR ENTRANCE HANDLESETS



Monolithic Style
Lafayette Grip
Part # 461111



Monolithic Style
Normandy Grip
Part # 461121



Monolithic Style
San Carlos Grip
Part # 461131

Standard interior trim
Part #
461111/461121/461131

Additional Dimensions: (Part # 461111/461121)

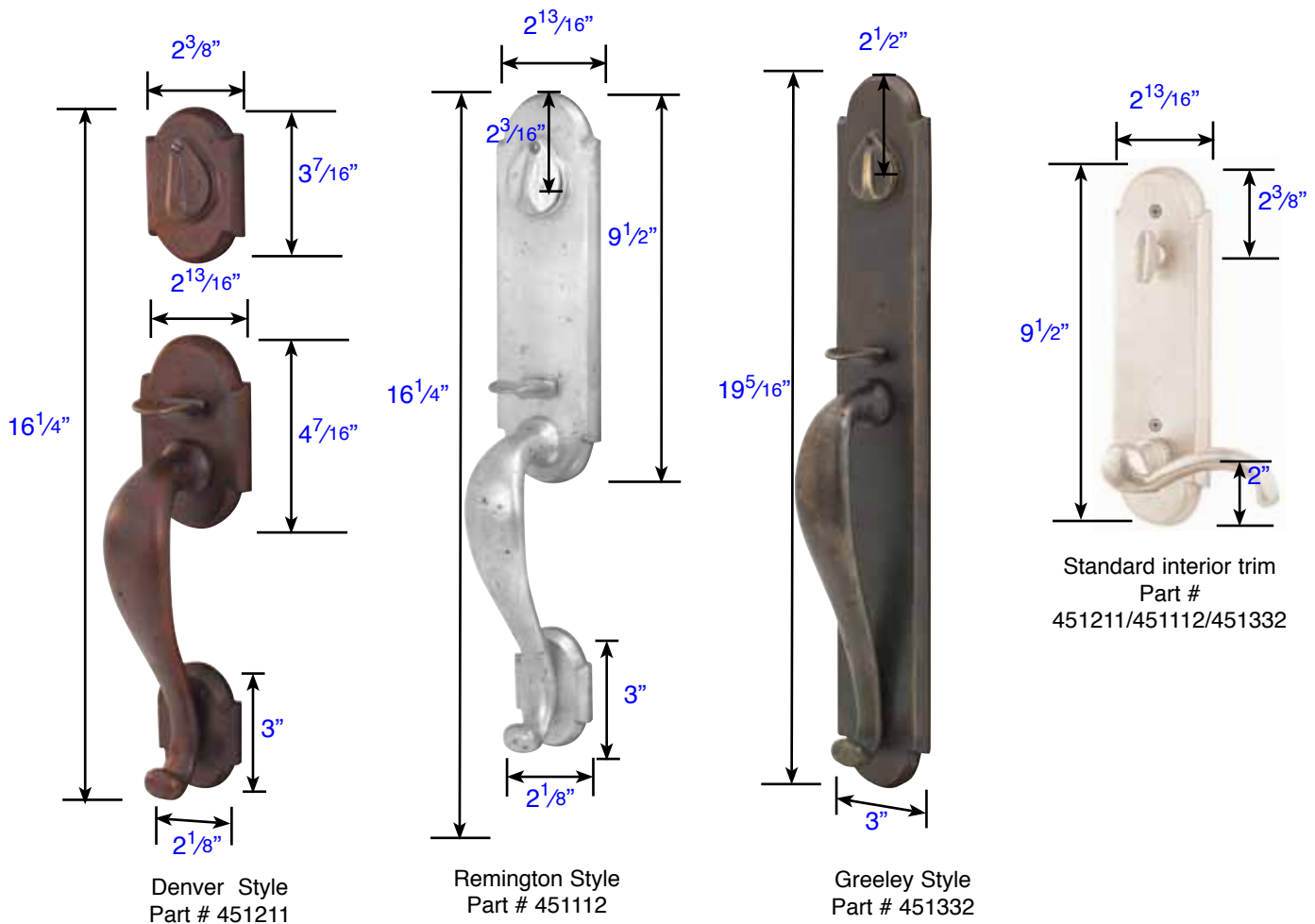
- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $\frac{3}{4}$ "
- Clearance between door & grip is $1\frac{5}{8}$ "
- Interior trim same as 8451, 8361, 7101
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 461131)

- Exterior Projection is $3\frac{1}{2}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $\frac{3}{4}$ "
- Clearance between door & grip is 2"
- Interior trim same as 8451, 8361, 7101
- Plates thickness: $\frac{1}{2}$ "

- Refer to page 62 for Door Thickness Specifications
- Same dimensions for dummy function

SANDCAST BRONZE TUBULAR ENTRANCE HANDLESETS



Additional Dimensions: (Part # 451211)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{11}{16}$ "
- Clearance between door & grip is $1\frac{7}{8}$ "
- Standard Interior trim dimensions same as 8457, 8357, 7108
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 451112/451332)

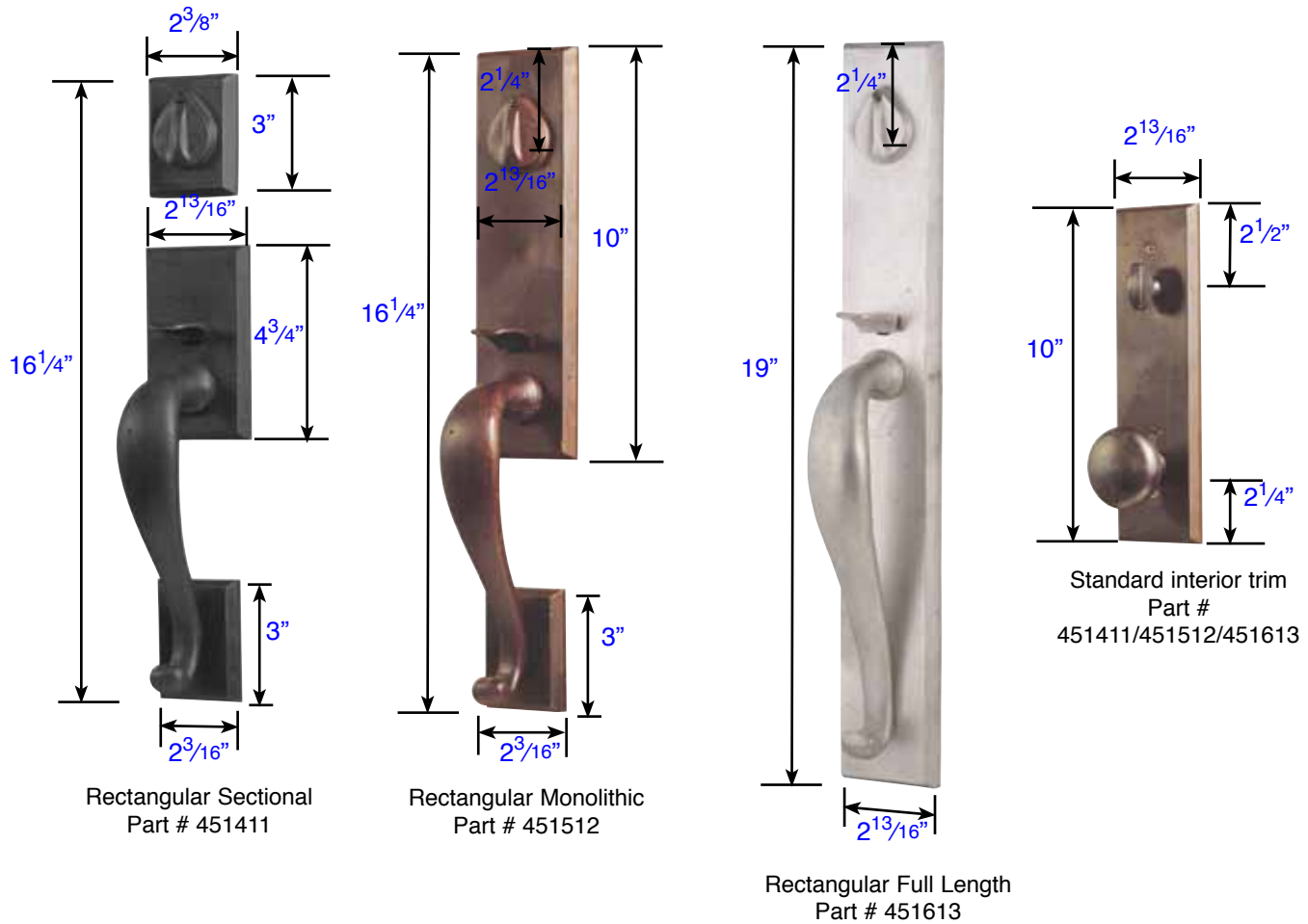
- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{11}{16}$ "
- Clearance between door & grip is $1\frac{7}{8}$ "
- Plates thickness: $\frac{1}{2}$ "

- Refer to page 63 for Door Thickness Specifications
- Same dimensions for dummy function

Grip-By-Grip Entrance Handlesets:

- Dimensions are the same as exterior trim of standard grip handlesets
- Refer to page 54 for door thickness specifications

SANDCAST BRONZE TUBULAR ENTRANCE HANDLESETS



Additional Dimensions: (Part # 451411)

- Exterior Projection is $3"$
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{11}{16}"$
- Clearance between door & grip is $1\frac{7}{8}"$
- Standard Interior trim dimensions same as 8465, 8365, 7104
- Plates thickness: $\frac{1}{2}"$

Additional Dimensions: (Part # 451512/451613)

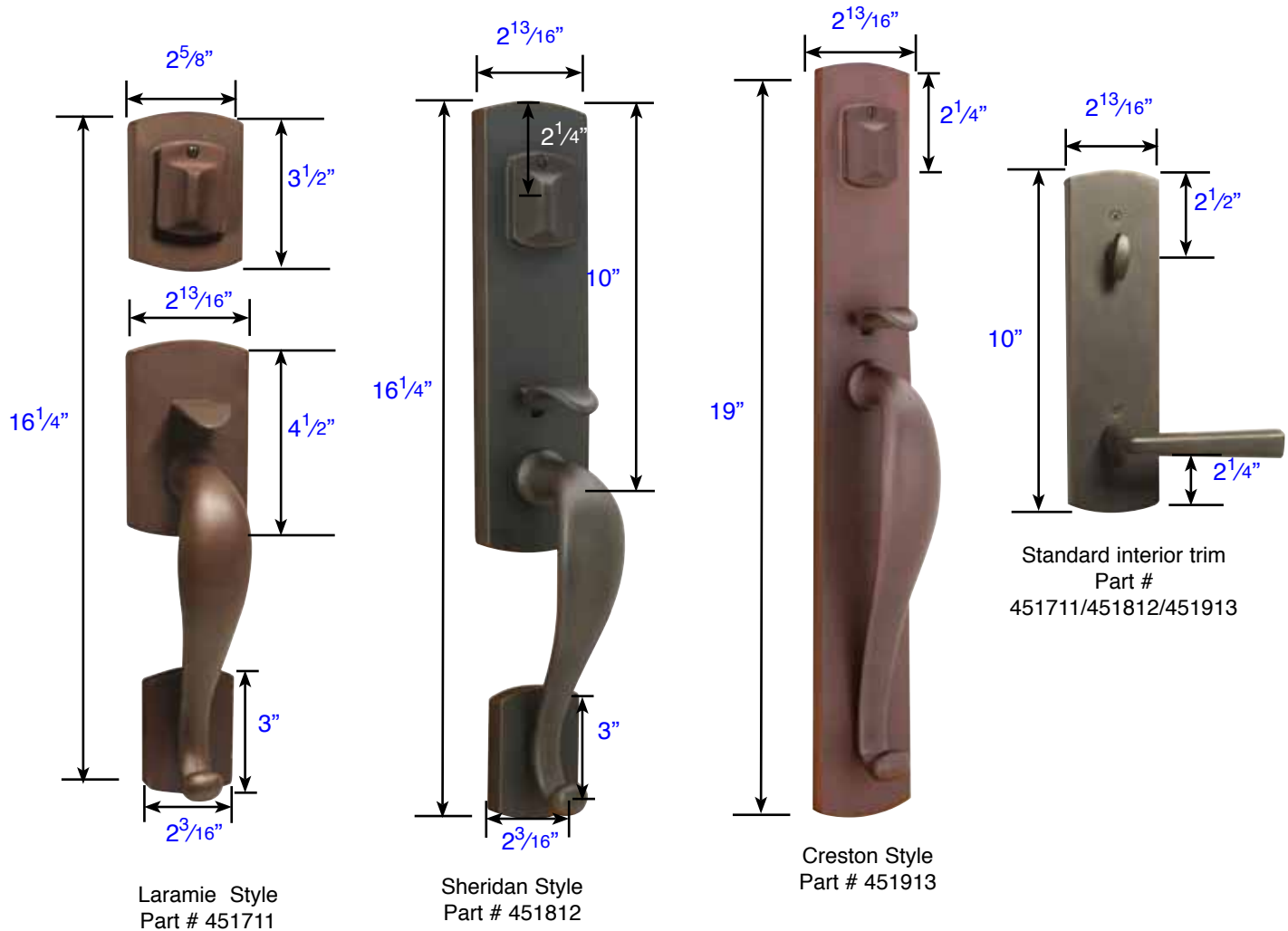
- Exterior Projection is $3"$
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{11}{16}"$
- Clearance between door & grip is $1\frac{7}{8}"$
- Plates thickness: $\frac{1}{2}"$

- Refer to page 63 for Door Thickness Specifications
- Same dimensions for dummy function

Grip-By-Grip Entrance Handlesets:

- Dimensions are the same as exterior trim of standard grip handlesets
- Refer to page 60 for door thickness specifications

SANDCAST BRONZE TUBULAR ENTRANCE HANDLESETS



Additional Dimensions: (Part # 451711)

- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1 11/16"
- Clearance between door & grip is 1 7/8"
- Standard Interior trim dimensions same as 7100, 8477, 8374
- Plates thickness: 1/2"

Additional Dimensions: (Part # 451812/451913)

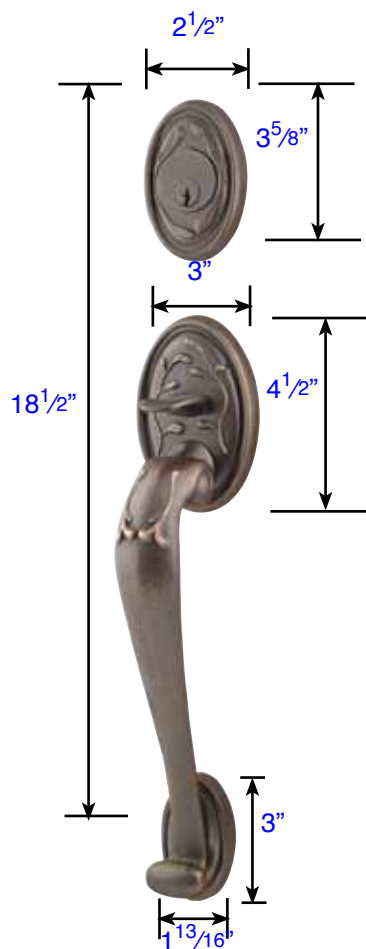
- Exterior Projection is 3"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1 11/16"
- Clearance between door & grip is 1 7/8"
- Plates thickness: 1/2"

- Refer to page 63 for Door Thickness Specifications
- Same dimensions for dummy function

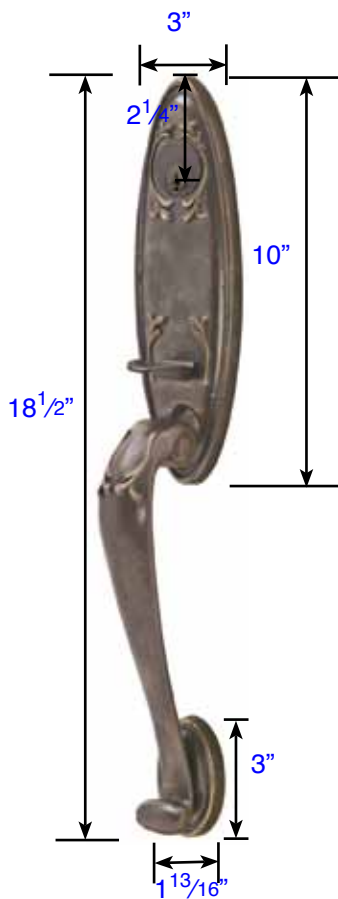
Grip-By-Grip Entrance Handlesets:

- Dimensions are the same as exterior trim of standard grip handlesets
- Refer to page 60 for door thickness specifications

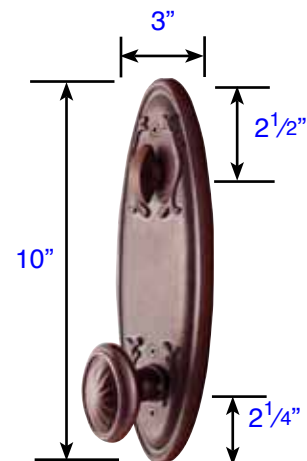
LOST WAX CAST BRONZE TUBULAR ENTRANCE HANDLESETS



Tuscany Sectional Style
Part # 471224



Tuscany Style
Door Prep 5 1/2" Center to Center
Part # 471112



Standard interior trim
Part # 471224/471112

Additional Dimensions: (Part # 471224)

- Exterior Projection is $3\frac{9}{32}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{9}{16}$ "
- Clearance between door & grip is $2\frac{3}{8}$ "
- Standard Interior trim dimensions same as 8456, 8356, 71012
- Plates thickness: $\frac{1}{2}$ "

Additional Dimensions: (Part # 471112)

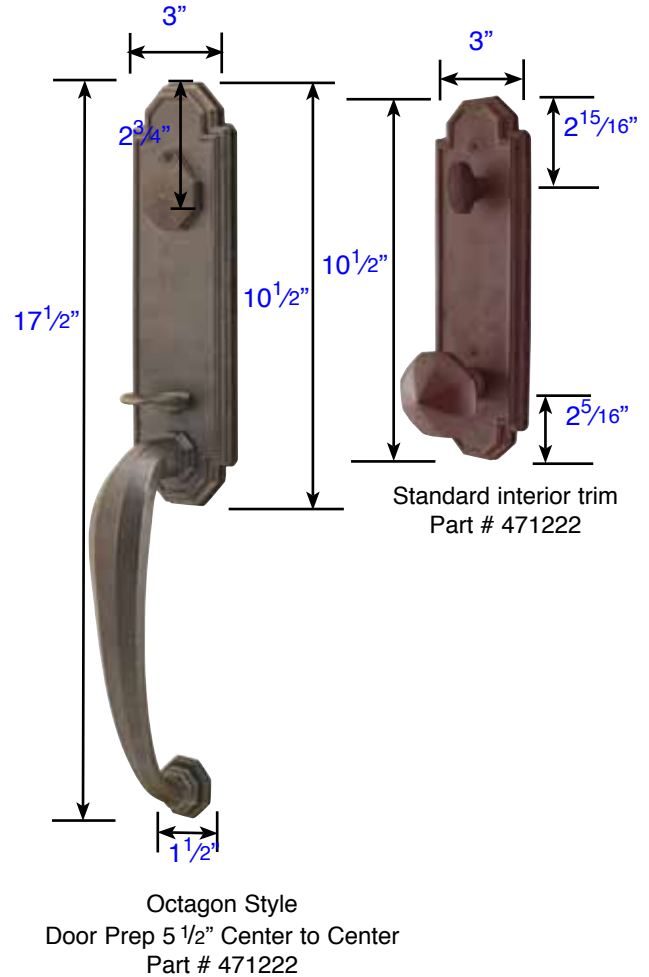
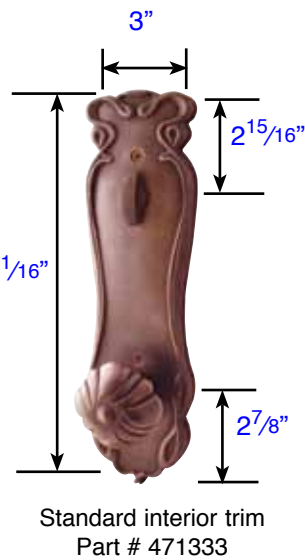
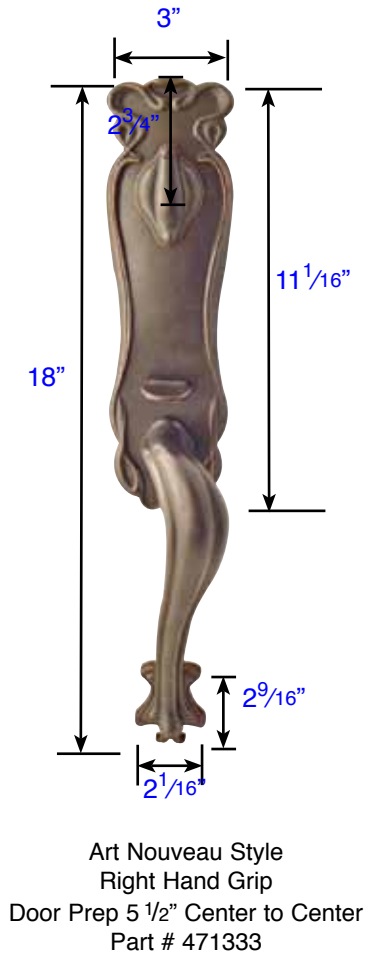
- Exterior Projection is $3\frac{9}{32}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1"
- Clearance between door & grip is $2\frac{3}{8}$ "
- Plates thickness: $\frac{1}{2}$ "

- Refer to page 63 for Door Thickness Specifications
- Same dimensions for dummy function

Grip-By-Grip Entrance Handlesets:

- Dimensions are the same as exterior trim of standard grip handlesets
- Refer to page 60 for door thickness specifications

LOST WAX CAST BRONZE TUBULAR ENTRANCE HANDLESETS



Additional Dimensions: (Part # 471333/471222)

- Exterior Projection is 3 1/8"
- Interior Projection Depends on Handle Style
- Overall Grip thickness: 1 3/4"
- Clearance between door & grip is 1 3/4"
- Plates thickness: 1/2"

- Refer to page 63 for Door Thickness Specifications
- Same dimensions for dummy function

Grip-By-Grip Entrance Handlesets:

- Dimensions are the same as exterior trim of standard grip handlesets
- Refer to page 60 for door thickness specifications

Door Thickness Specifications

Brass Tubular Entryset Sectional, Single Cylinder

Saratoga (4410), Knoxville (4310), Hamden (4213), Nashville (4312)

- Standard Door Thickness: 1³/₄" - 2¹/₈"
- Standard Components:
- 1¹/₂" Rosette Screws
- Single Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₄" - 2⁵/₈"
- Extended Components:
- 2" Rosette Screws
- Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2⁵/₈" - 3"
- Extended Components:
- 2¹/₂" Rosette Screws
- Extra Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3¹/₂" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Brass Tubular Entryset Sectional, Double Cylinder

Saratoga (4420), Knoxville (4320), Hamden (4223), Nashville (4322)

- Standard Door Thickness: 1⁵/₈" - 2¹/₈"
- Standard Components:
- 1¹/₂" Rosette Screws
- Double Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" & 2¹/₂" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₄" - 2⁵/₈"
- Extended Components:
- 2" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2⁵/₈" - 2⁷/₈"
- Extended Components:
- 2¹/₂" Rosette Screws
- Extra Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3¹/₂" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

* Part # DB4-COLLAR32 Available for 1³/₈" Thick Doors

Brass Tubular Entryset Monolithic, Single Cylinder

Marietta (4411), Marietta 6" (4412), Orleans (4311), Arts & Crafts (4811), Valley Forge (4111), Wilshire (4211), Melrose (4212), Oval Ribbon & Reed (4714), Ribbon & Reed (4711), Imperial (4911), Zeus (4814), Richmond (4313)

- Standard Door Thickness: 1³/₄" - 2¹/₈"
- Standard Components:
- 1¹/₂" Rosette Screws
- Single Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₄" - 2¹/₂"
- Extended Components:
- 2" Rosette Screws
- Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₂" - 3"
- Extended Components:
- 2¹/₂" Rosette Screws
- Extra Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Brass Tubular Entryset Monolithic, Double Cylinder

Marietta (4421), Marietta 6" (4422), Orleans (4321), Arts & Crafts (4821), Valley Forge (4121), Wilshire (4221), Melrose (4212), Oval Ribbon & Reed (4724), Ribbon & Reed (4721), Imperial (4921), Zeus (4824), Richmond (4323)

- Standard Door Thickness: 1³/₄" - 2"
- Standard Components:
- 1¹/₂" Rosette Screws
- Double Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2" - 2⁵/₈"
- Extended Components:
- 2" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2⁵/₈" - 2⁷/₈"
- Extended Components:
- 2¹/₂" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3¹/₂" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

* Part # DB4-COLLAR32 Available for 1³/₈" Thick Doors

Door Thickness Specifications

Wrought Steel Tubular Entryset Sectional, Single Cylinder

Lafayette (461212), San Carlos (461222), Normandy (461232)

- Standard Door Thickness: 1⁵/₈" - 2"
- Standard Components:
- 1¹/₂" Rosette Screws
- Single Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2" - 2¹/₂"
- Extended Components:
- 2" Rosette Screws
- Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₂" - 2⁷/₈"
- Extended Components:
- 2¹/₂" Rosette Screws
- Extra Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3¹/₂" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Wrought Steel Tubular Entryset Sectional, Double Cylinder

Lafayette (462212), San Carlos (462222), Normandy (462232)

- Standard Door Thickness: 1¹/₂" - 2"
- Standard Components:
- 1¹/₂" Rosette Screws
- Double Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2" - 2⁵/₈"
- Extended Components:
- 2" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2⁵/₈" - 2⁷/₈"
- Extended Components:
- 2¹/₂" Rosette Screws
- Extra Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3¹/₂" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Wrought Steel Tubular Entryset Monolithic, Single Cylinder

Lafayette (461111), San Carlos (461121), Normandy (461131)

- Standard Door Thickness: 1³/₄" - 2¹/₈"
- Standard Components:
- 1¹/₂" Rosette Screws
- Single Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₄" - 2¹/₂"
- Extended Components:
- 2" Rosette Screws
- Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 2¹/₂" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₂" - 3"
- Extended Components:
- 2¹/₂" Rosette Screws
- Extra Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Wrought Steel Tubular Entryset Monolithic, Double Cylinder

Lafayette (462111), San Carlos (462121), Normandy (462131)

- Standard Door Thickness: 1³/₄" - 2"
- Standard Components:
- 1¹/₂" Rosette Screws
- Double Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2" - 2⁵/₈"
- Extended Components:
- 2" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Door Thickness Specifications

Cast Bronze Tubular Entryset Sectional, Single Cylinder

Denver (451211), Rectangular Sectional (451411), Tuscany Sectional (471224), Laramie (451711)

• Standard Door Thickness: 1 1/2" - 2"
Standard Components:

- 1 1/2" & 2" Rosette Screws
- Single Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2 1/2" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

• **Extended** Door Thickness: 2" - 2 1/2"
Extended Components:

- 2" Rosette Screws
- Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

• **Extended** Door Thickness: 2 1/2" - 2 7/8"
Extended Components:

- 2 1/2" Rosette Screws
- Extra Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3 1/2" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Cast Bronze Tubular Entryset Sectional, Double Cylinder

Denver (452211), Rectangular Sectional (452411), Tuscany Sectional (472224), Laramie (452711)

• Standard Door Thickness: 1 3/4" - 2"
Standard Components:

- 1 1/2" Rosette Screws
- Double Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2 1/2" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

• **Extended** Door Thickness: 2 1/4" - 2 5/8"
Extended Components:

- 2" & 2 1/2" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" & 3 1/2" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Cast Bronze Tubular Entryset Monolithic, Single Cylinder

Remington (451112), Greeley (451332), Rectangular Monolithic (451512), Sheridan (451812)
Rectangular Full Length (451613), Tuscany (471112), Art Nouveau (471333), Octagon (471222), Creston (451913)

• Standard Door Thickness: 1 1/2" - 2"
Standard Components:

- 1 1/2" & 2" Rosette Screws
- Single Cylinder Tailpiece
- Outside Entry Spindle
- Long Inside Passage Half Spindle
- 2 1/2" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

• **Extended** Door Thickness: 2" - 2 1/2"
Extended Components:

- 2" Rosette Screws
- Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

• **Extended** Door Thickness: 2 1/2" - 2 7/8"
Extended Components:

- 2 1/2" Rosette Screws
- Extra Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- Extra Long Inside Passage Half Spindle
- 3 1/2" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Cast Bronze Tubular Entryset Monolithic, Double Cylinder

Remington (452112), Greeley (452332), Rectangular Monolithic (452512), Sheridan (452812)
Rectangular Full Length (452613), Tuscany (472112), Art Nouveau (472333), Octagon (472222), Creston (452913)

• Standard Door Thickness: 1 3/4" - 2"
Standard Components:

- 1 1/2" Rosette Screws
- Double Cylinder Tailpiece
- Outside Entry Spindle
- Long Inside Passage Half Spindle
- 2 1/2" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

• **Extended** Door Thickness: 2" - 2 5/8"
Extended Components:

- 2" & 2 1/2" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- Long Inside Passage Half Spindle
- 3" & 3 1/2" Deadbolt Mounting Screws
- Spindle Extensions
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Door Thickness Specifications

Grip-By-Grip Tubular Entryset, Single Cylinder

Denver(454212), Remington(454111), Greeley(454333), Rectangular Sectional(454414),
Rectangular Monolithic(454515), Rectangular Full Length(454636), Tuscany Sectional(474444), Tuscany(474111),
Octagon(474222), Art Nouveau-LH(474333LH), Art Nouveau-RH(474333RH)

- Standard Door Thickness: 1⁵/₈"- 2"
- Standard Components:
- 1¹/₂" & 2" Rosette Screws
- Single Cylinder Tailpiece
- Outside Entry Spindle
- Inside Passage Half Spindle
- 2¹/₂" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2"- 2¹/₂"
- Extended Components:
- 2" & 2¹/₂" Rosette Screws
- Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- 3" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₂"- 3"
- Extended Components:
- 2¹/₂" & 3" Rosette Screws
- Extra Long Single Cylinder Tailpiece
- Long Outside Entry Spindle
- 3¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

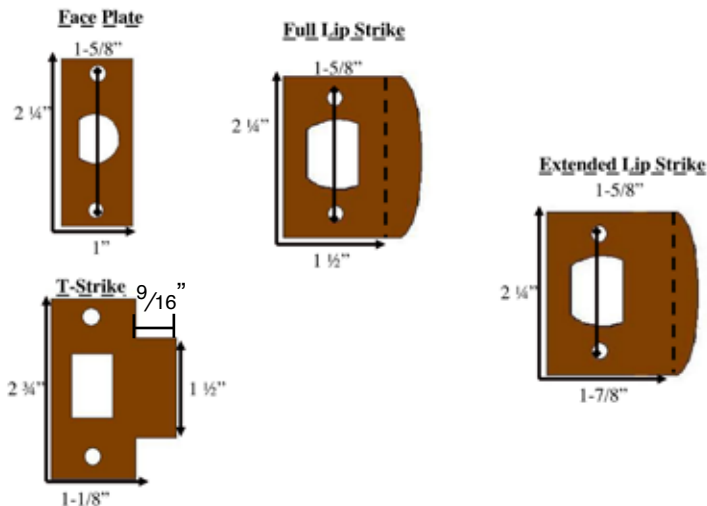
Grip-By-Grip Tubular Entryset, Double Cylinder

Denver(454212), Remington(454111), Greeley(454333), Rectangular Sectional(454414),
Rectangular Monolithic(454515), Rectangular Full Length(454636), Tuscany Sectional(474444), Tuscany(474111),
Octagon(474222), Art Nouveau-LH(474333LH), Art Nouveau-RH(474333RH)

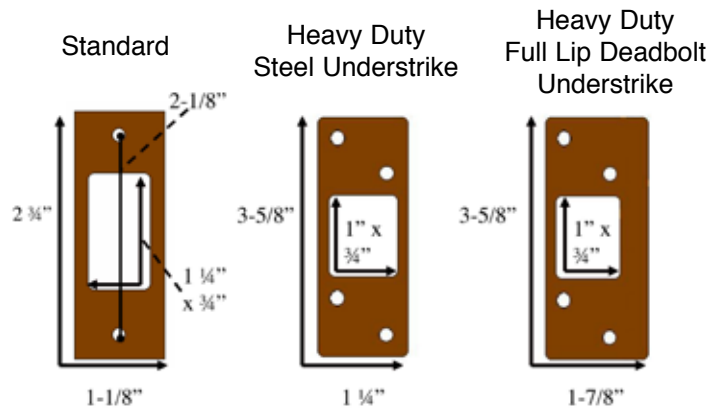
- Standard Door Thickness: 1⁵/₈"- 2¹/₈"
- Standard Components:
- 1¹/₂" Rosette Screws
- Double Cylinder Tailpiece
- Outside Entry Spindle
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₈"- 3"
- Extended Components:
- 2¹/₂" & 3" Rosette Screws
- Long Double Cylinder Tailpiece
- Long Outside Entry Spindle
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

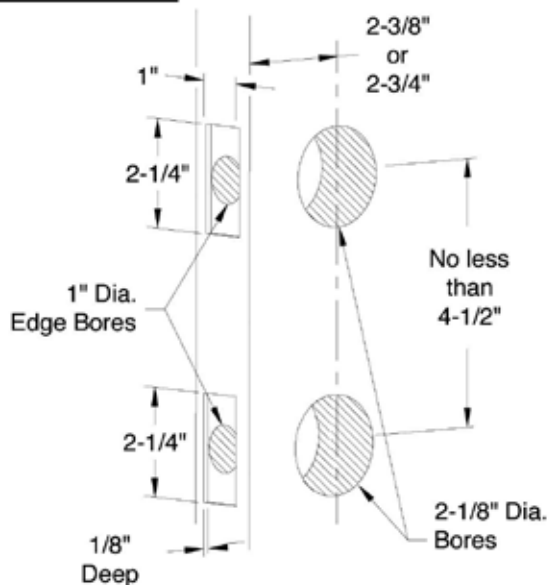
Face and Strike Plates



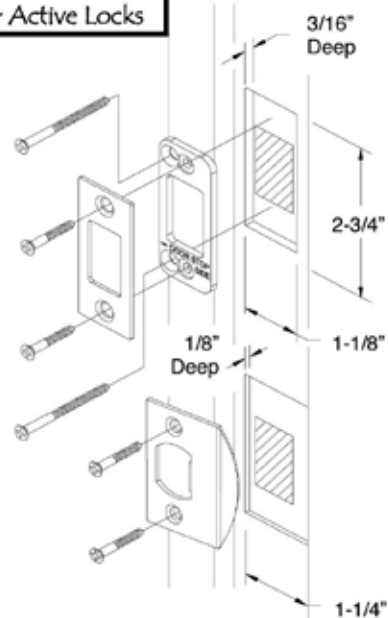
Deadbolt Strike Plates



Door Prep - Active Lock

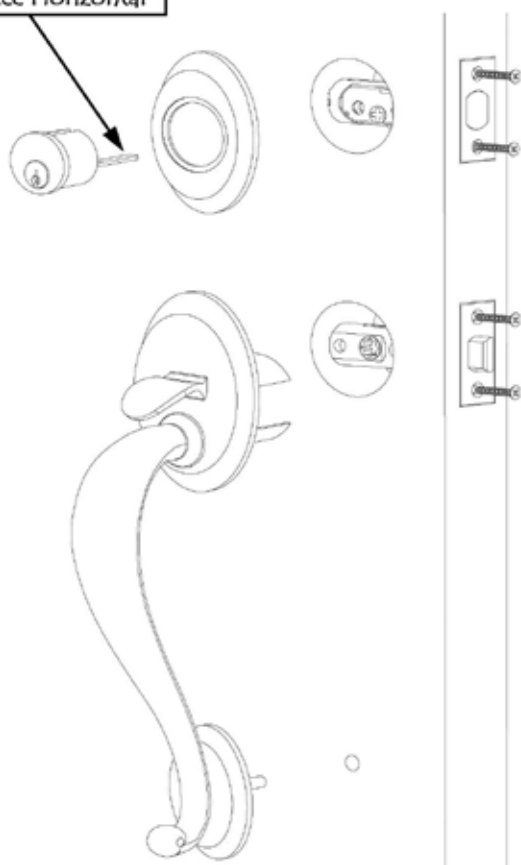


Door Jamb for Active Locks



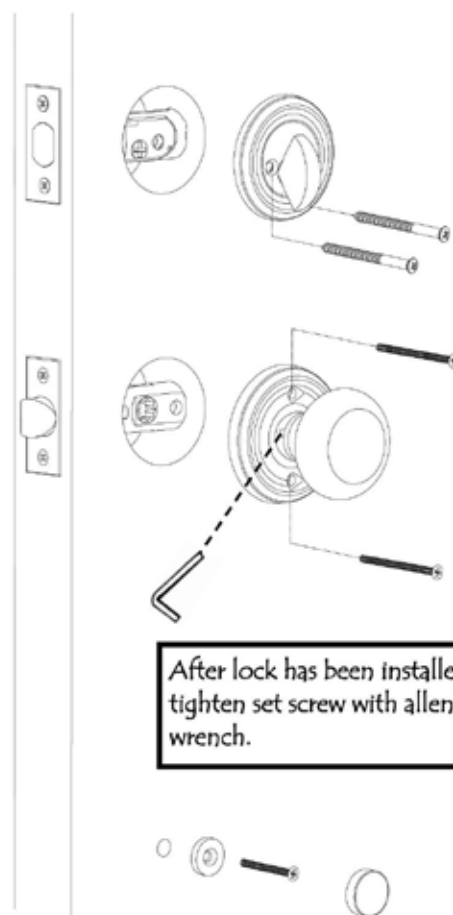
Outside Trim

Tailpiece Horizontal



Plates and grip vary depending on style.

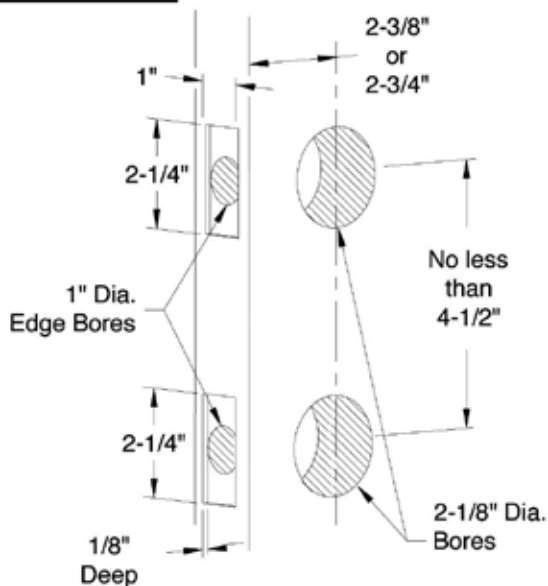
Inside Trim



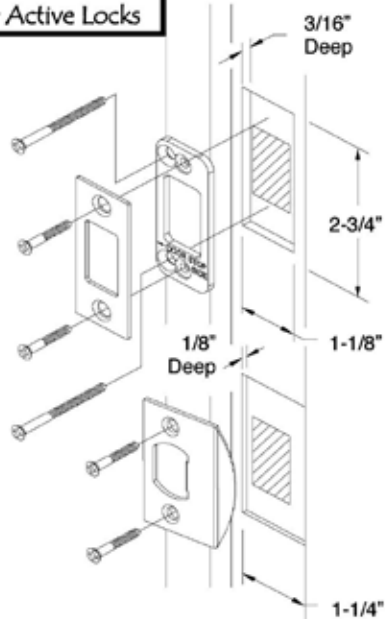
After lock has been installed tighten set screw with allen wrench.

Installation Instructions-Tubular Sectional Entry Set - Double Cylinder Deadbolt

Door Prep - Active Lock

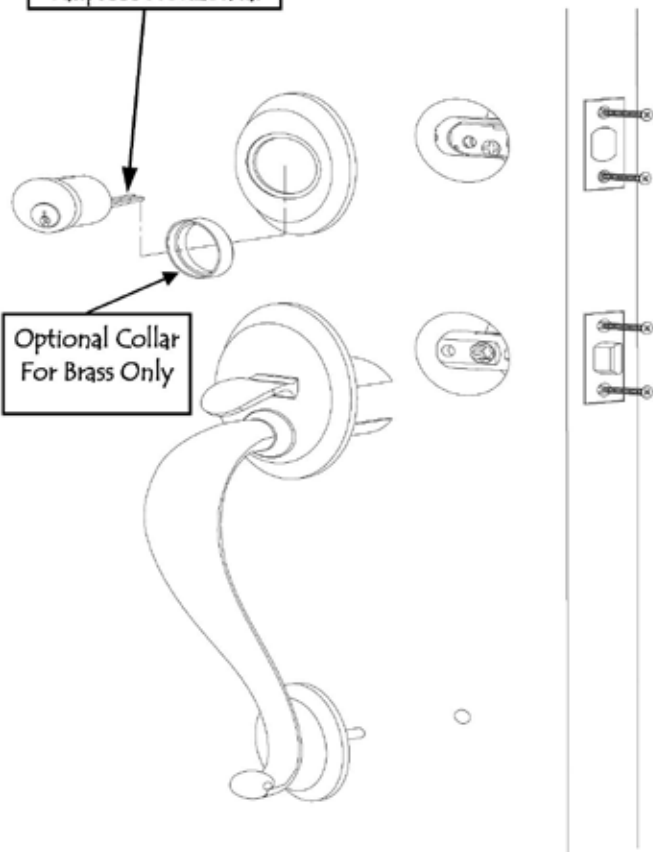


Door Jamb for Active Locks



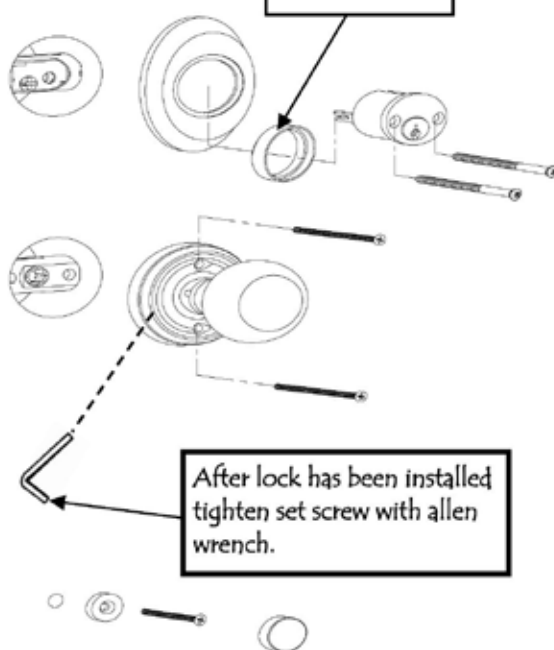
Outside Trim

Tailpiece Horizontal



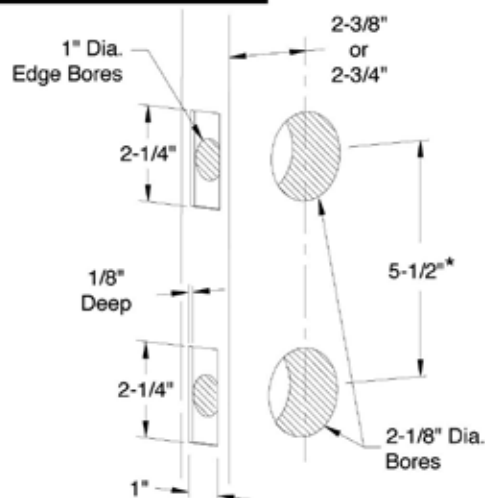
Inside Trim

Optional Collar For Brass Only



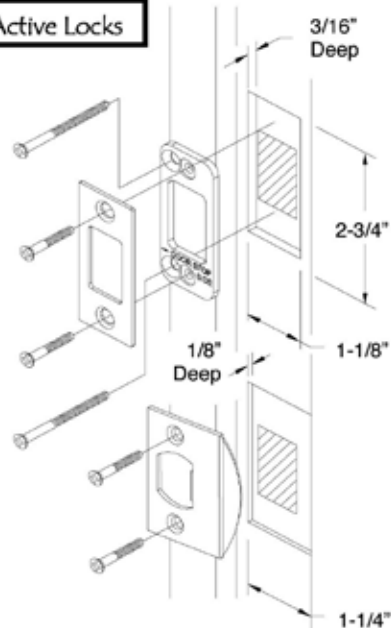
Installation Instructions-Tubular Monolithic Entry Set - Single Cylinder Deadbolt

Door Prep - Active Lock



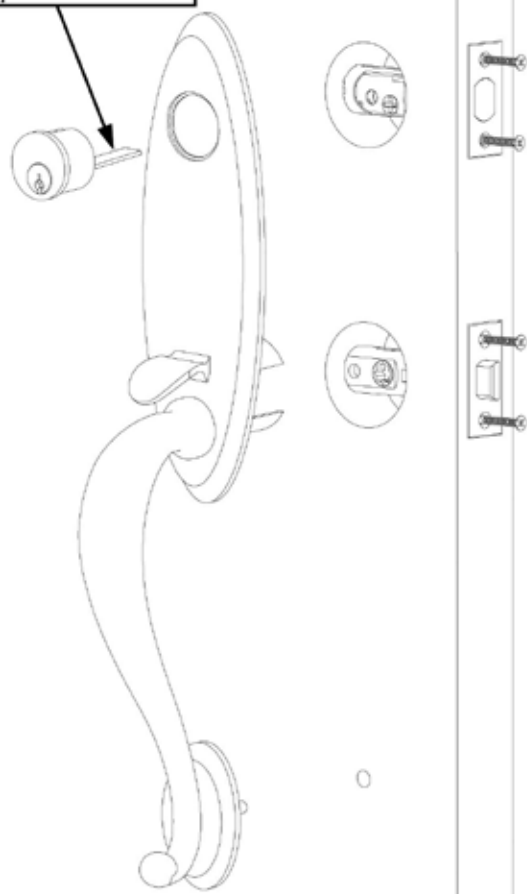
*Marietta 6 style locks have 6" center to center bore spacing.

Door Jamb for Active Locks



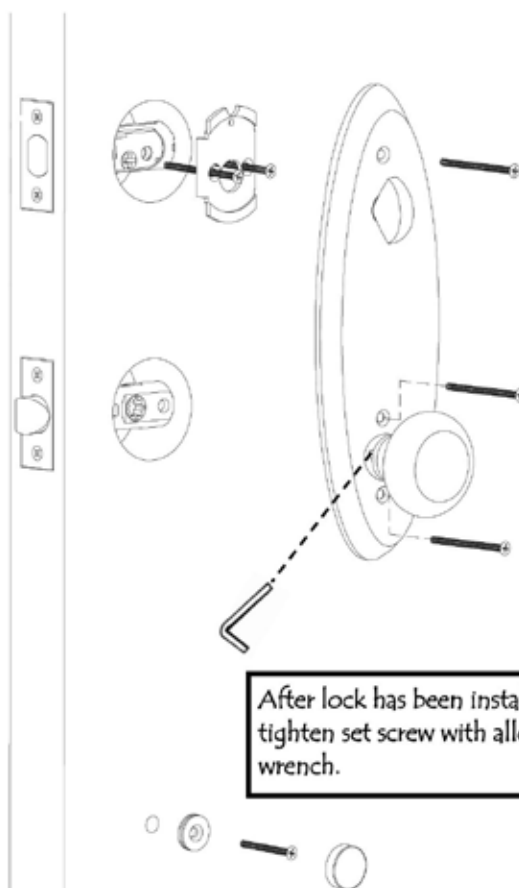
Outside Trim

Tailpiece Horizontal



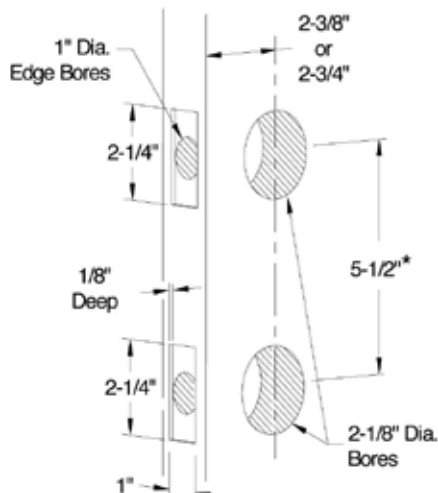
Plates and grip vary depending on style.

Inside Trim

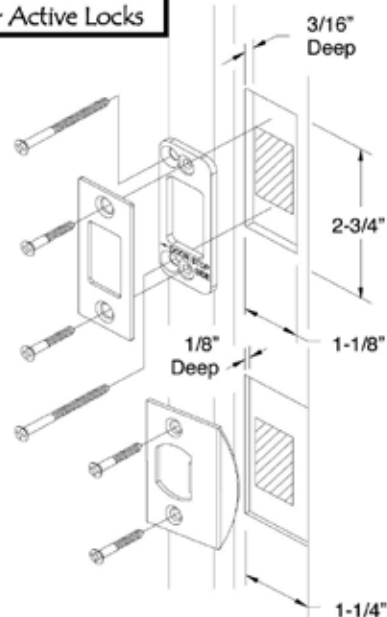


After lock has been installed tighten set screw with allen wrench.

Door Prep - Active Lock



Door Jamb for Active Locks

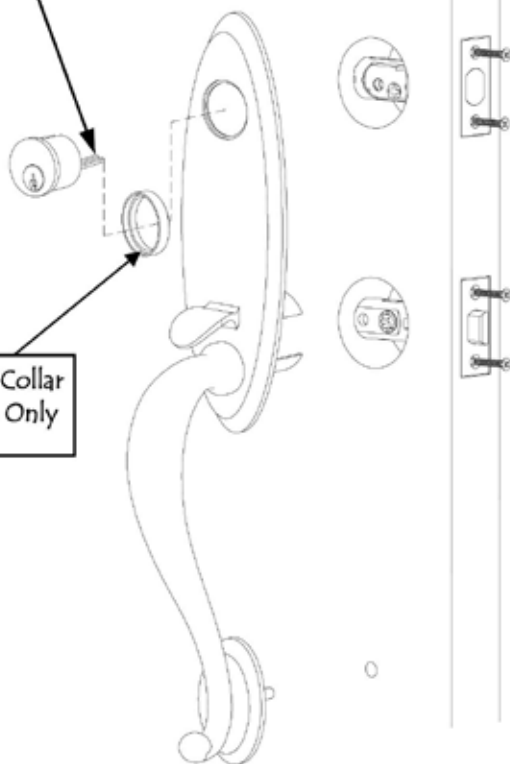


*Marietta-6 locks have 6" center bore spacing.

Outside Trim

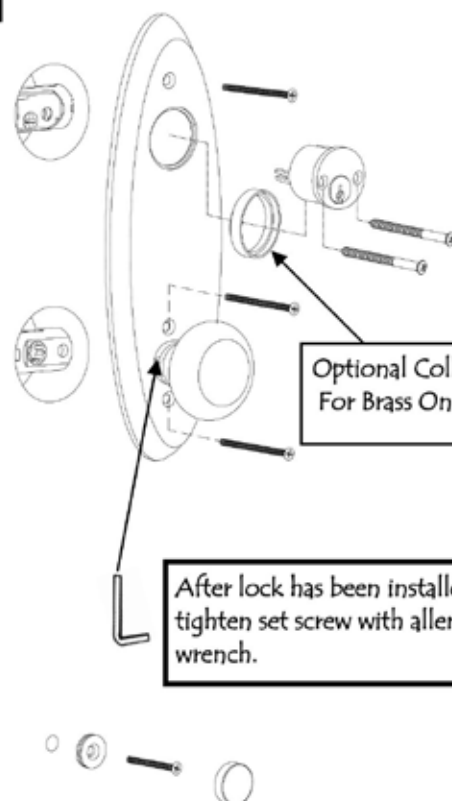
Tailpiece Horizontal

Optional Collar For Brass Only

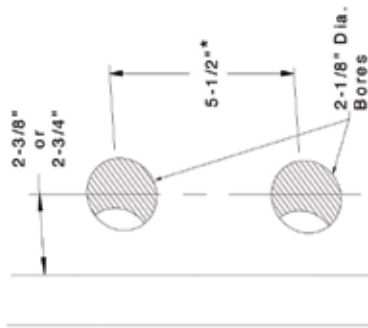


Plates and grip vary depending on style.

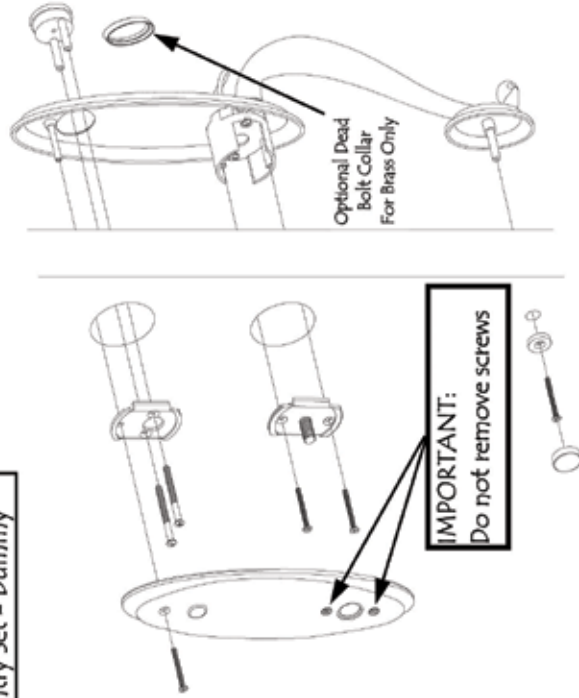
Inside Trim



Installation Instructions-Tubular Monolithic Entry Set - Dummy

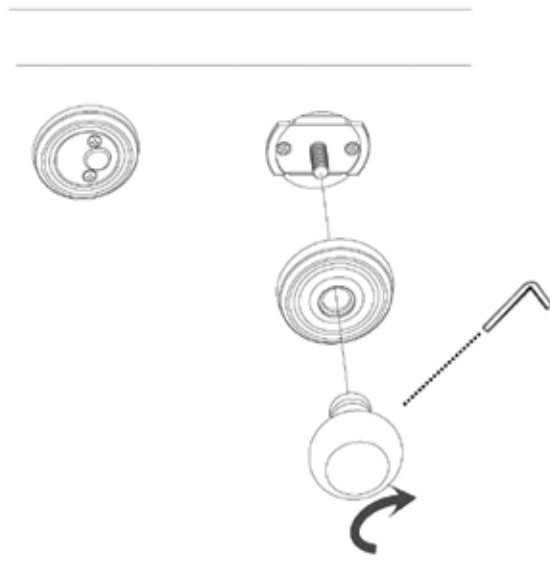
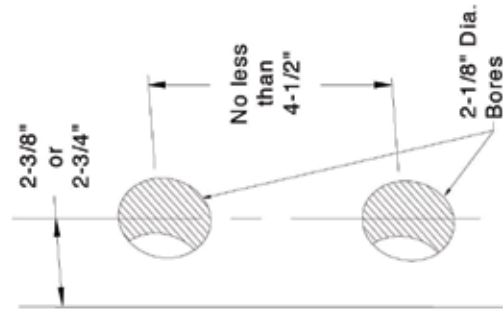


* Marietta 6 style locks have 6" center to center bore spacing.



IMPORTANT:
Do not remove screws

Installation Instructions-Tubular Sectional Entry Set - Dummy



AFTER LOCK HAS BEEN INSTALLED
Tighten Set Screws with Allen Wrench

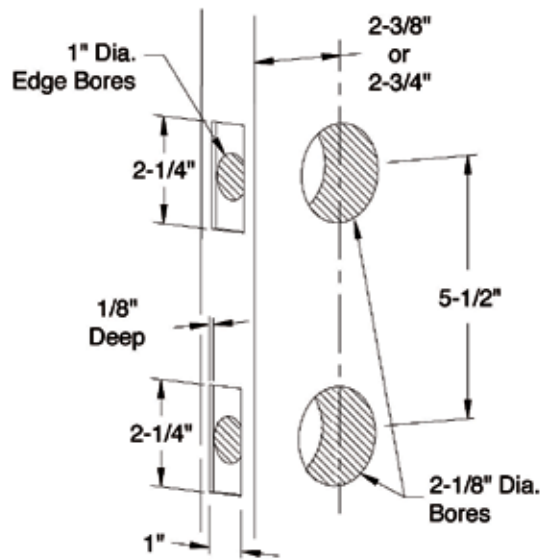
EMTEK
ASSA ABLOY

INSTALLATION

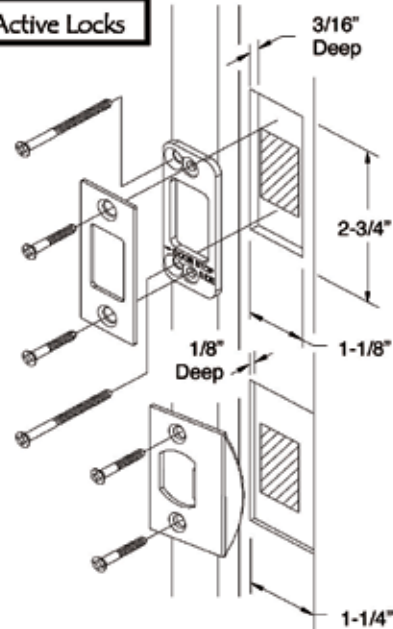
REV. 06/2008

Installation Instructions—Grip by Grip Entryset – Single Cylinder Deadbolt

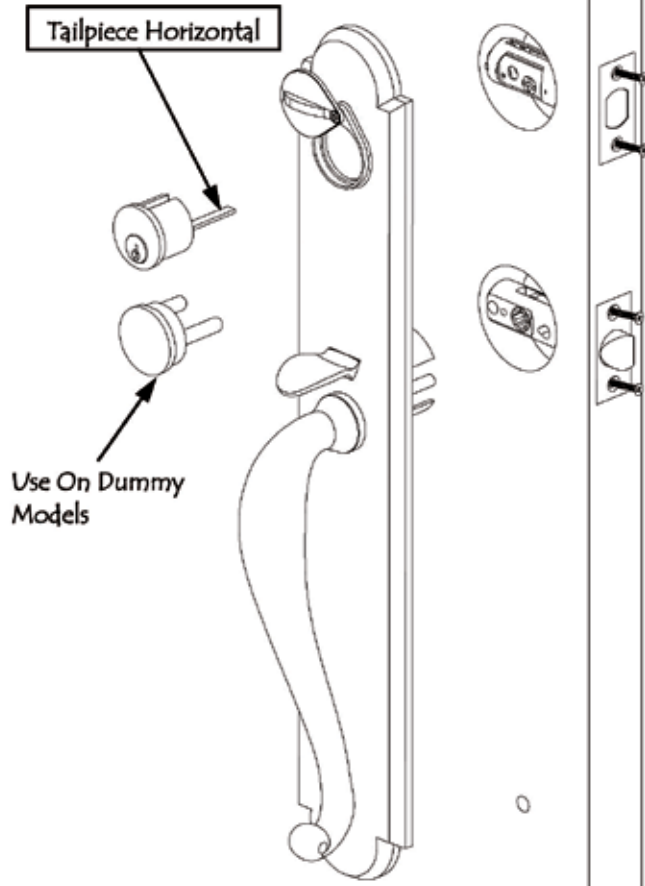
Door Prep – Active Lock



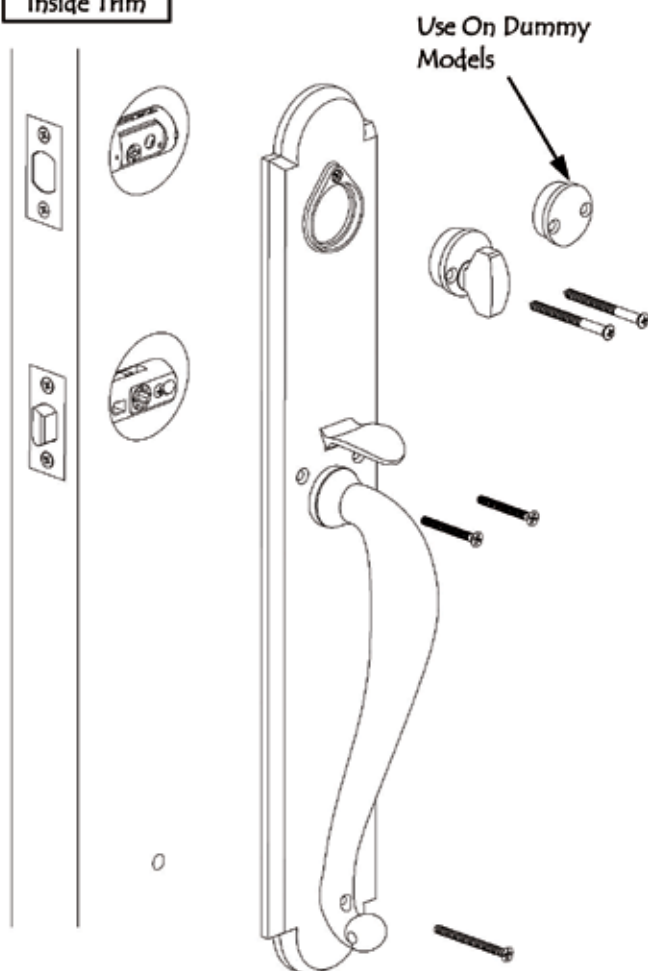
Door Jamb for Active Locks



Outside Trim



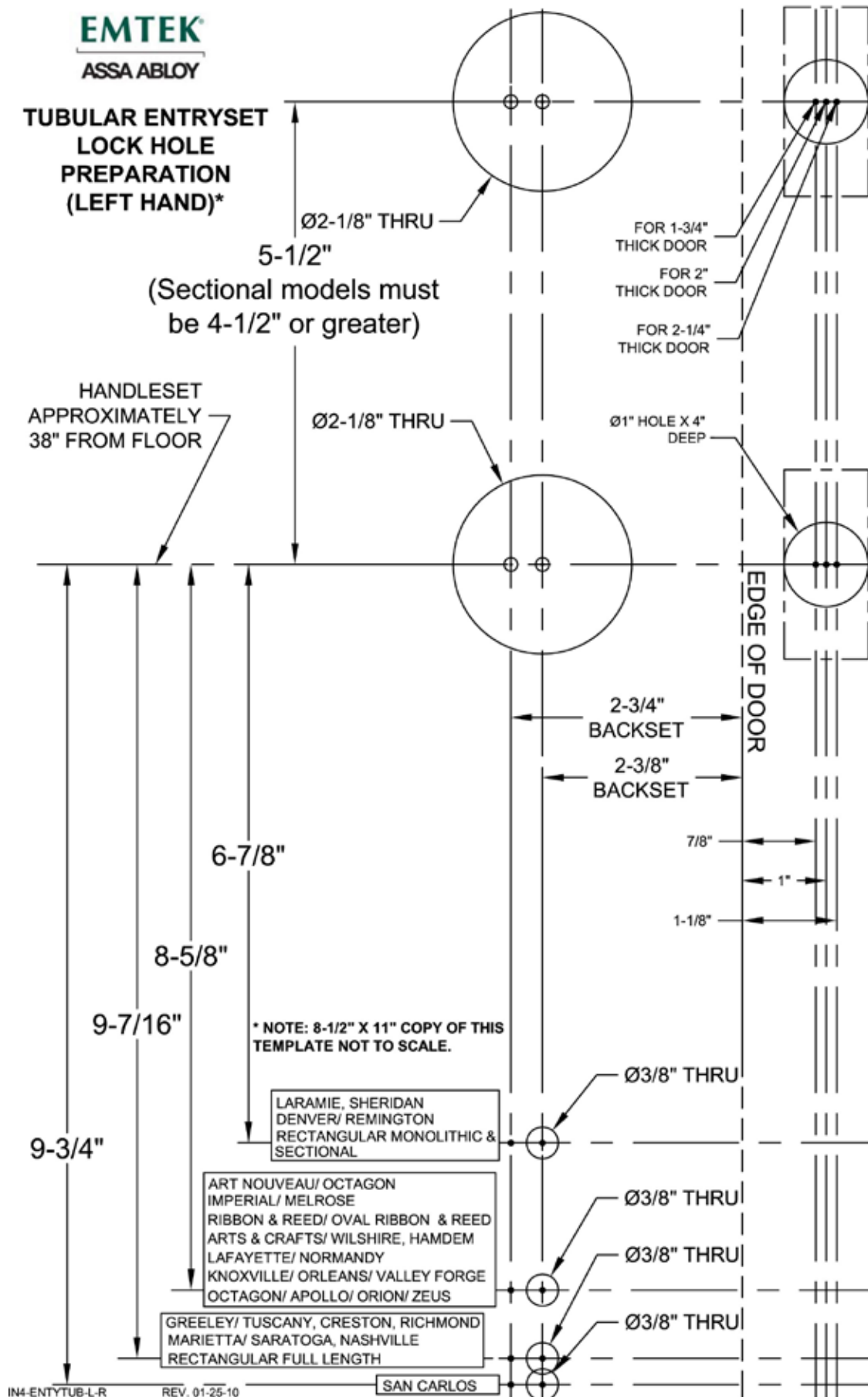
Inside Trim



Plates and grip vary depending on style.

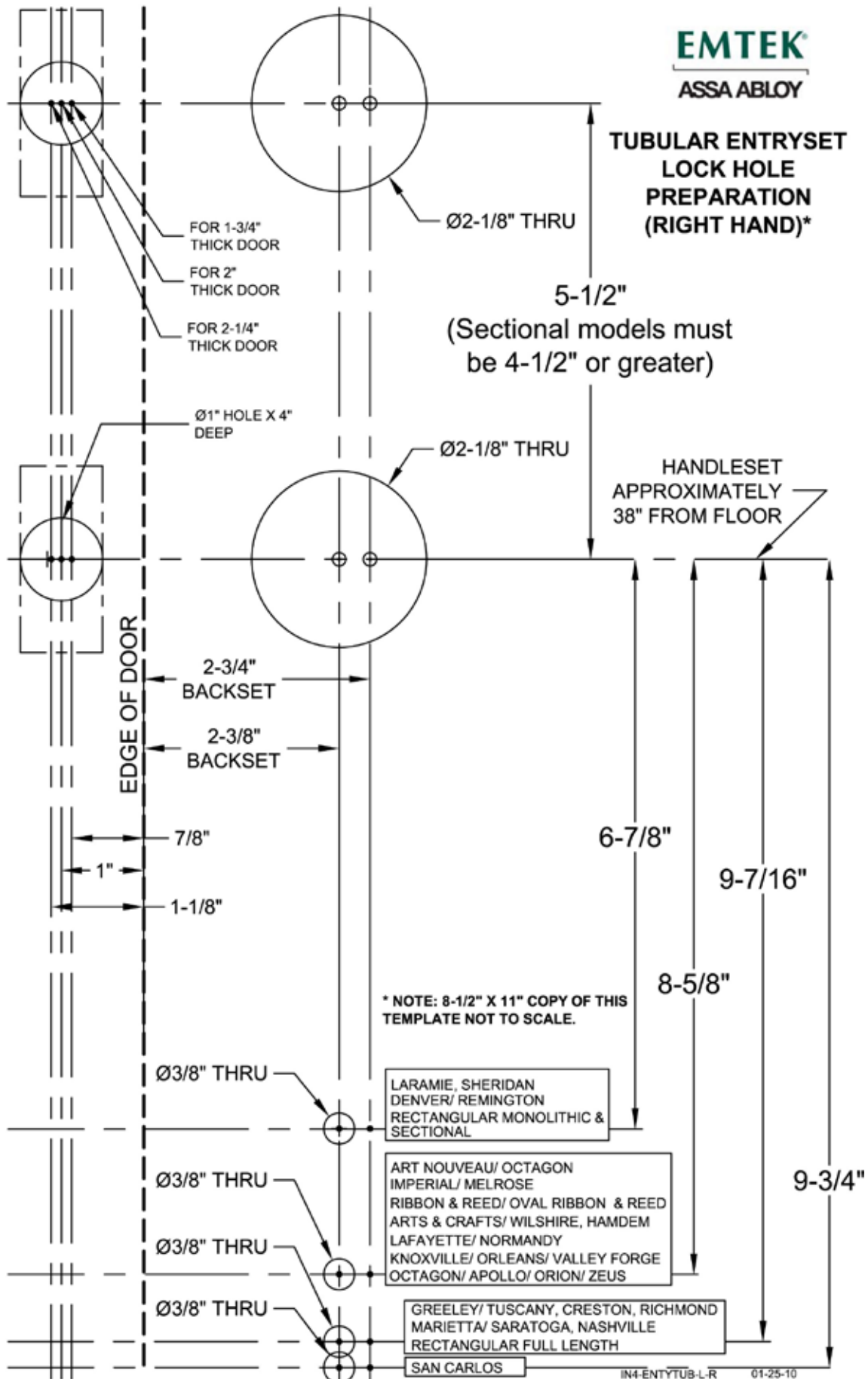
BORING SPECIFICATIONS

For Reference Only

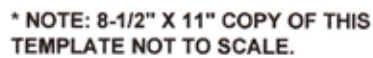


BORING SPECIFICATIONS

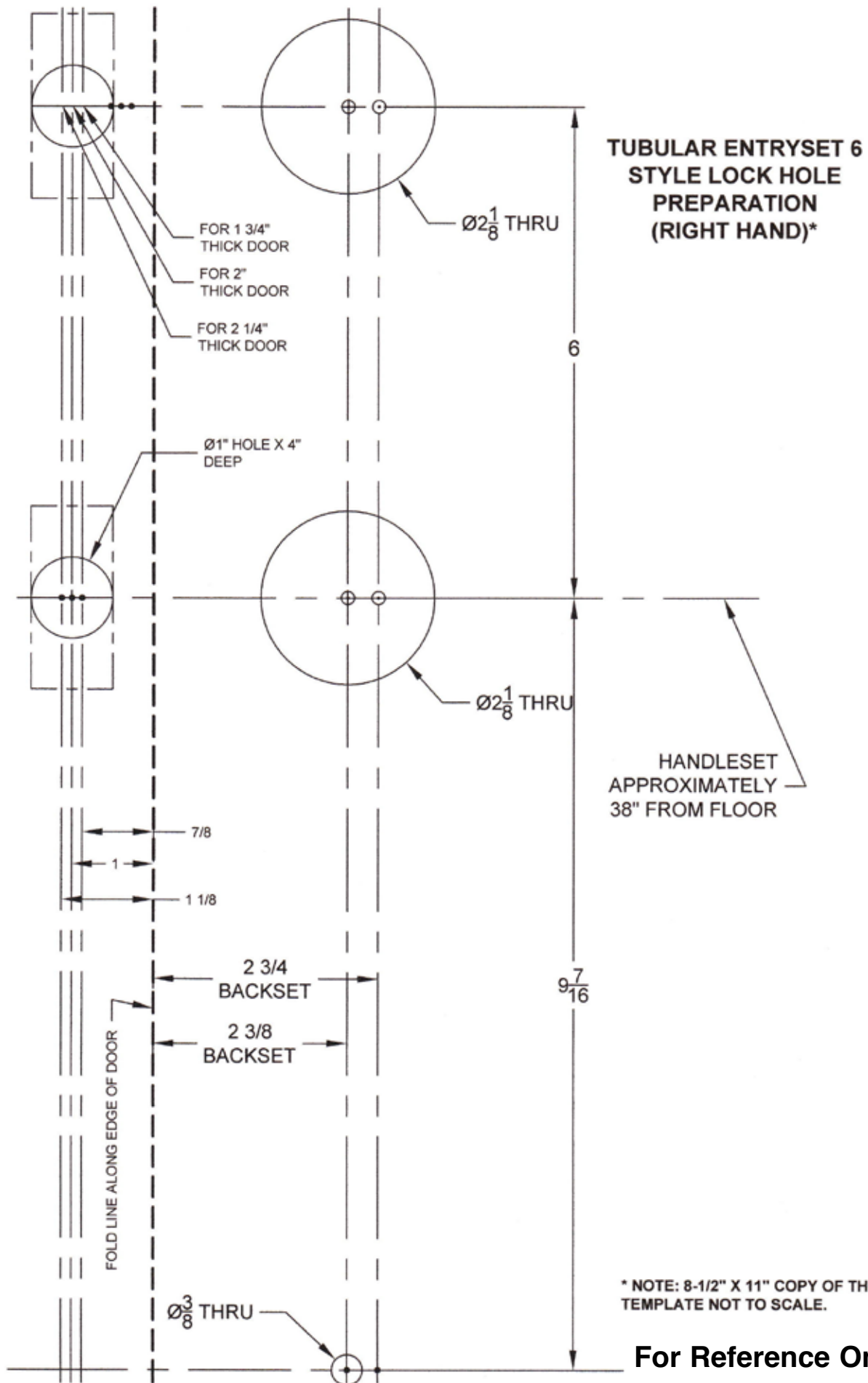
For Reference Only



For Reference Only

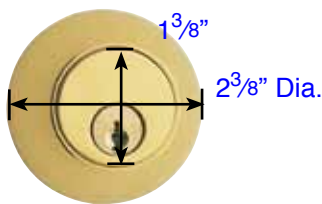


BORING SPECIFICATIONS (Marietta-6 Style)

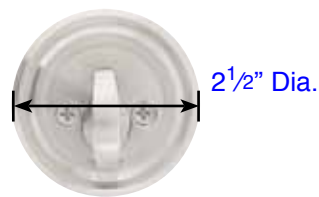


For Reference Only

DECORATIVE BRASS DEADBOLTS

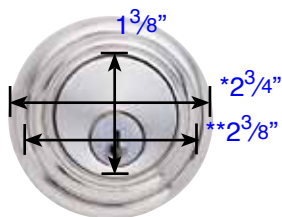


Regular Style

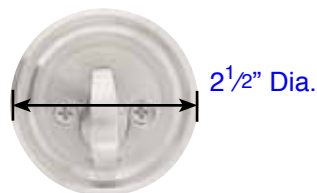


- Exterior Trim (8450)
- Projection is 1 3/16"
 - 8350 same on both sides

- Interior Trim (8450)
- Projection is 1 1/4"
 - Thickness is 5/16"

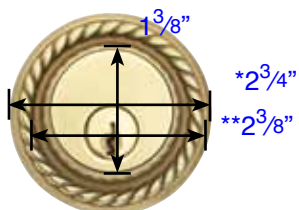


Low Profile Style

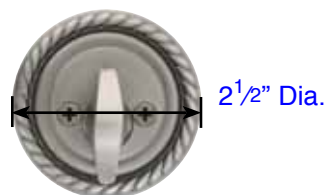


- Exterior Trim (8455)
- * 2 3/4" Diameter with Exterior ring
 - ** 2 3/8" Diameter without Exterior ring
 - Projection with Exterior ring: 7/8"
 - Projection without Exterior ring: 5/8"
 - 8355 same both sides

- Interior Trim (8455)
- Projection is 1 1/4"
 - Thickness is 5/16"



Rope Style



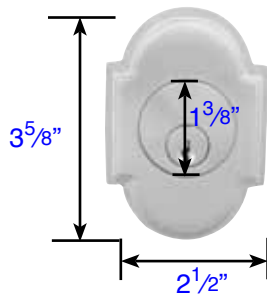
- Exterior Trim (8464)
- * 2 1/2" Diameter with Exterior ring
 - ** 2 3/8" Diameter without Exterior ring
 - Projection with ext. ring: 1 1/16"
 - Projection without ext. ring: 1/2"
 - 8364 same both sides

- Interior Trim (8464)
- Projection is 1 1/4"
 - Thickness is 5/16"

• Refer to page 83 for Door Thickness Specifications

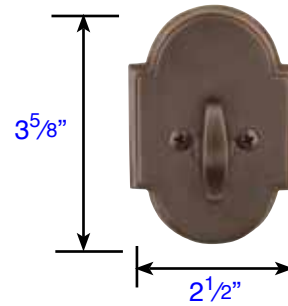
DECORATIVE BRASS DEADBOLTS

#8 Style



Exterior Trim (8466)

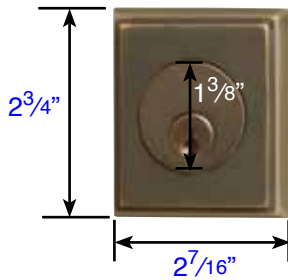
- Projection is $\frac{1}{2}$ "
- 8366 same on both sides



Interior Trim (8466)

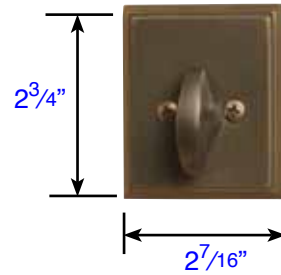
- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{5}{16}$ "

Rectangular Style



Exterior Trim (8468)

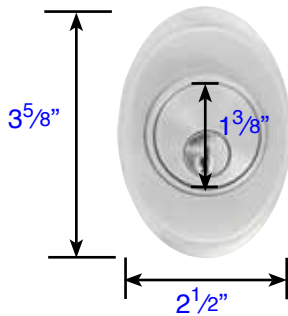
- Projection is $\frac{9}{16}$ "
- 8368 same on both sides



Interior Trim (8468)

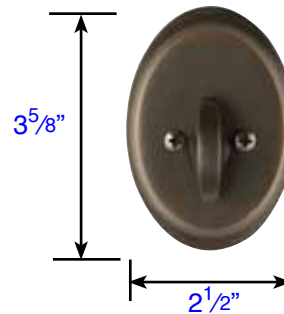
- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{9}{32}$ "

Saratoga Style



Exterior Trim (8458)

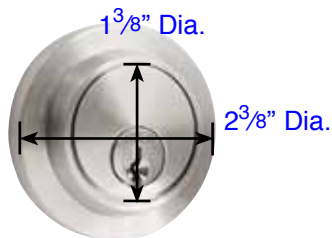
- Projection is $\frac{1}{2}$ "
- 8358 same on both sides



Interior Trim (8458)

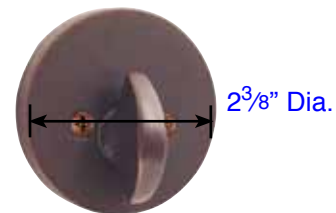
- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{1}{2}$ "

Modern Style



Exterior Trim (8467)

- Projection is $\frac{5}{8}$ "
- 8367 same on both sides



Interior Trim (8467)

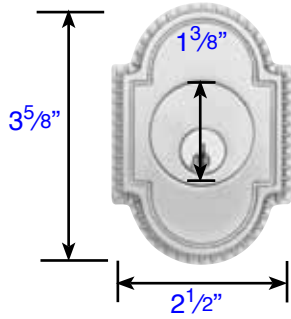
- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{5}{16}$ "

• Refer to page 83 for Door Thickness Specifications

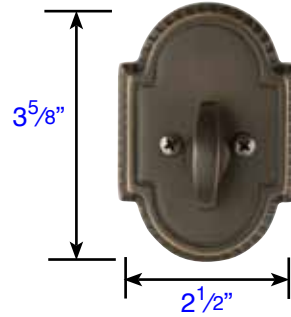
EMTEK PRODUCTS INC.

Phone No: (800) 356-2741 • (800) 428-4889 • (626) 961-0413 Fax No: (800) 577-5771 • (626) 336-2812

DECORATIVE BRASS DEADBOLTS

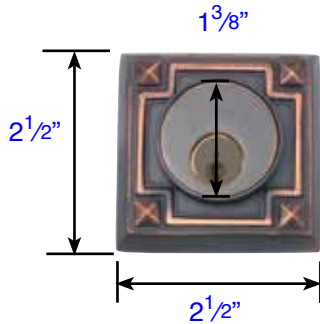


Knoxville Style

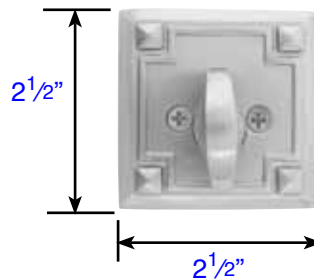


Exterior Trim (8459)
 • Projection is 1/2"
 • 8359 same on both sides

Interior Trim (8459)
 • Projection is 1 1/4"
 • Thickness is 1/2"

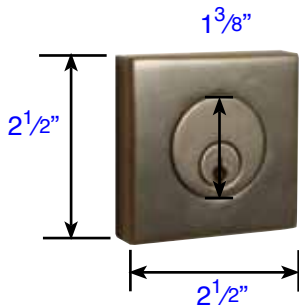


Arts & Crafts Style

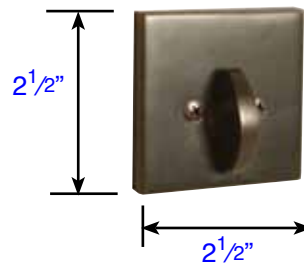


Exterior Trim (8454)
 • Projection is 9/16"
 • 8354 same on both sides

Interior Trim (8454)
 • Projection is 1 1/4"
 • Thickness is 5/16"



Square Style



Exterior Trim (8469)
 • Projection is 5/8"
 • 8358 same on both sides

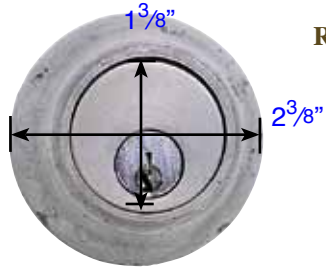
Interior Trim (8469)
 • Projection is 1 1/4"
 • Thickness is 5/16"

• Refer to page 83 for Door Thickness Specifications

EMTEK PRODUCTS INC.

Phone No: (800) 356-2741 • (800) 428-4889 • (626) 961-0413 Fax No: (800) 577-5771 • (626) 336-2812

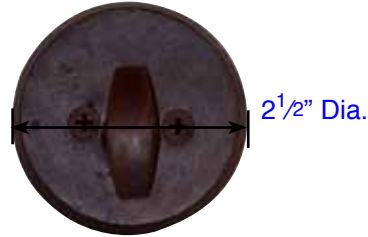
SANDCAST BRONZE DEADBOLTS



Regular Style

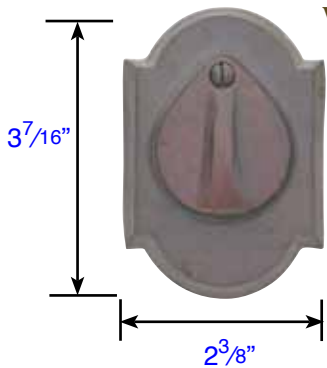
Exterior Trim (8450)

- Projection is 1"
- 8350 same on both sides



Interior Trim (8450)

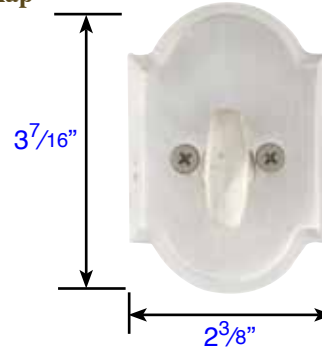
- Projection is 1 1/4"
- Thickness is 5/16"



With #1 Style Plate and Flap

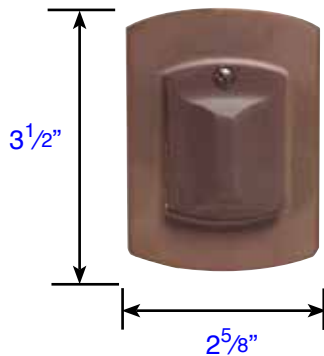
Exterior Trim (8457)

- Projection is 1 3/16"
- 8357 same on both sides



Interior Trim (8457)

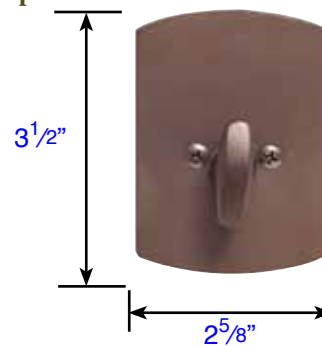
- Projection is 1 1/4"
- Thickness is 1/2"



With #4 Style Plate and Flap

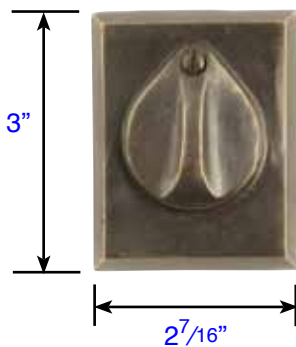
Exterior Trim (8474)

- Projection is 1 1/16"
- 8374 same on both sides



Interior Trim (8474)

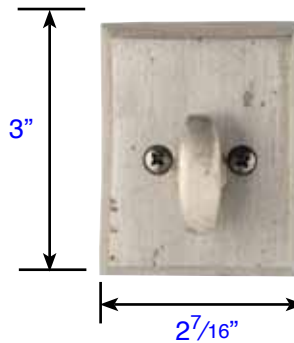
- Projection is 1 1/4"
- Thickness is 3/8"



With #3 Style Plate and Flap

Exterior Trim (8465)

- Projection is 1 1/16"
- 8365 same on both sides



Interior Trim (8465)

- Projection is 1 1/4"
- Thickness is 1/2"

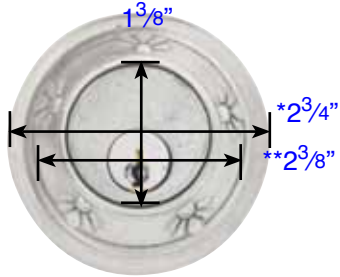
• Refer to page 84 for Door Thickness Specifications

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LOST WAX CAST BRONZE DEADBOLTS

Tuscany Deadbolt



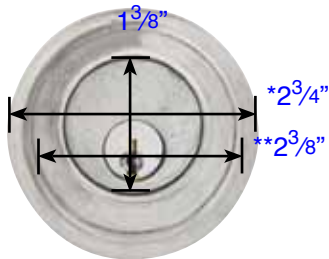
Exterior Trim (8456)

- $2\frac{3}{4}$ " Diameter with Exterior ring
- $2\frac{3}{8}$ " Diameter without Exterior ring
- Projection with ext. ring: 1"
- Projection without ext. ring: $\frac{11}{16}$ "
- 8356 same both sides

Interior Trim (8456)

- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{5}{16}$ "

Tuscany Classic Deadbolt



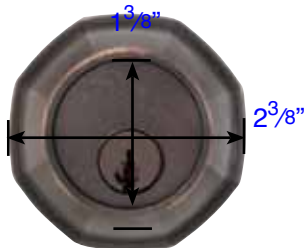
Exterior Trim (8471)

- $2\frac{3}{4}$ " Diameter with Exterior ring
- $2\frac{3}{8}$ " Diameter without Exterior ring
- Projection with ext. ring: 1"
- Projection without ext. ring: $\frac{11}{16}$ "
- 8356 same both sides

Interior Trim (8471)

- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{5}{16}$ "

Octagon Style Deadbolt



Exterior Trim (8460)

- Projection is $\frac{3}{4}$ "
- 8360 same on both sides

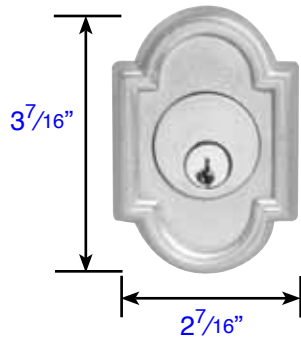
Interior Trim (8460)

- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{5}{16}$ "

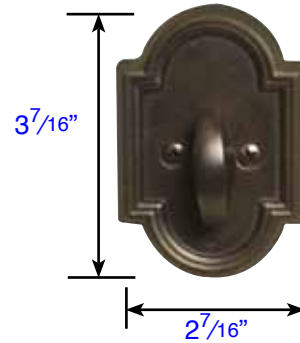
• Refer to page 85 for Door Thickness Specifications

LOST WAX CAST BRONZE DEADBOLTS

#11 Style Deadbolt

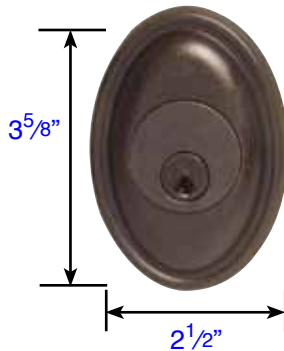


Exterior Trim (8473)
 • Projection is $1\frac{1}{16}$ "
 8372 same both sides



Interior Trim (8473)
 • Projection is $1\frac{1}{4}$ "
 • Thickness is $\frac{9}{16}$ "

#14 Style Deadbolt

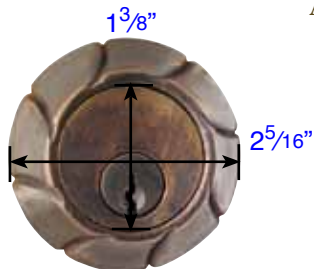


Exterior Trim (8472)
 • Projection is $1\frac{1}{16}$ "
 8373 same both sides

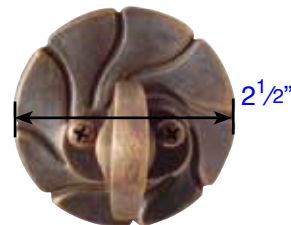


Interior Trim (8472)
 • Projection is $1\frac{1}{4}$ "
 • Thickness is $\frac{9}{16}$ "

Art Nouveau Style Deadbolt



Exterior Trim (8470)
 • Projection is $\frac{5}{8}$ "
 • 8370 same on both sides



Interior Trim (8470)
 • Projection is $1\frac{1}{4}$ "
 • Thickness is $\frac{5}{16}$ "

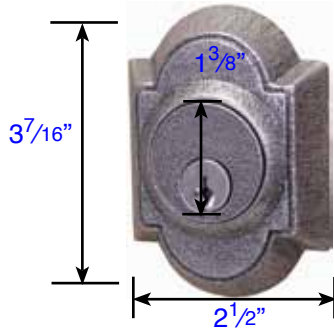
• Refer to page 85 for Door Thickness Specifications

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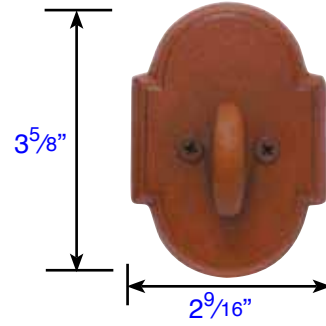
WROUGHT STEEL DEADBOLTS

#1 Style Deadbolt



Exterior Trim (8461)

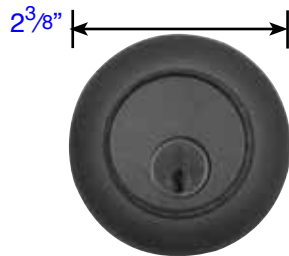
- Projection is $\frac{5}{8}$ "
- 8361 same on both sides



Interior Trim (8461)

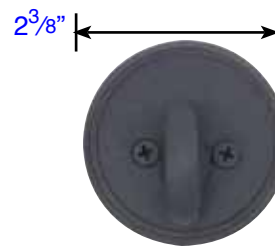
- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{1}{4}$ "

#2 Style Deadbolt



Exterior Trim (8452)

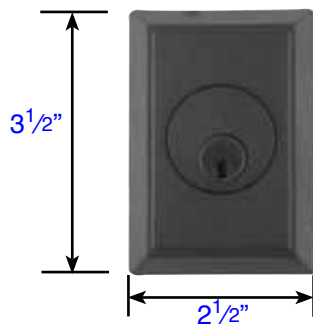
- Projection is $2\frac{3}{8}$ "
- 8350 same on both sides



Interior Trim (8452)

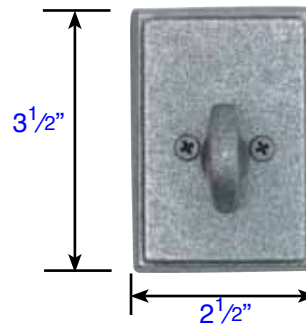
- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{1}{4}$ "

#3 Style Deadbolt



Exterior Trim (8463)

- Projection is $2\frac{1}{2}$ "
- 8363 same on both sides

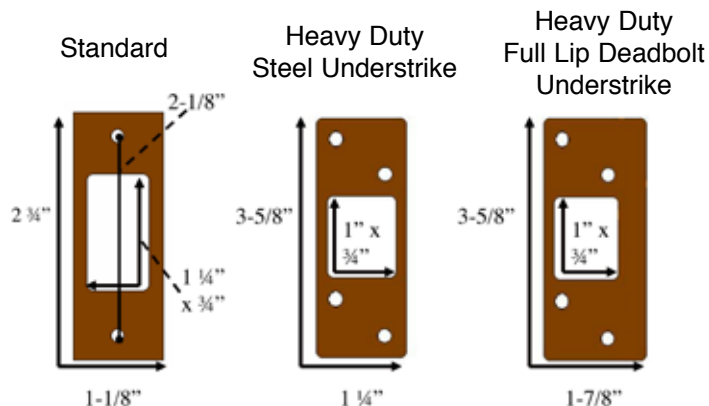


Interior Trim (8463)

- Projection is $1\frac{1}{4}$ "
- Thickness is $\frac{1}{4}$ "

• Refer to page 85 for Door Thickness Specifications

Deadbolt Strike Plates



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Door Thickness Specifications

Brass Regular Style Deadbolt, Single Cylinder

Regular Style (8450)

- Standard Door Thickness: 1³/₈"- 2¹/₈"
- Standard Components:
- 2¹/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₈"- 2³/₄"
- Extended Components:
- Long Single Cylinder Tailpiece
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2³/₄"- 3"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Brass Regular Style Deadbolt, Double Cylinder

Regular Style (8350)

- Standard Door Thickness: 1³/₈"- 1³/₄"
- Standard Components:
- Double Cylinder Tailpieces
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 1³/₄"- 2¹/₂"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Brass Low Profile & Rope Style Deadbolt, Single Cylinder

Low Profile (8455) & Rope Style (8464)

- Standard Door Thickness: 1¹/₄"- 2¹/₄"
- Standard Components:
- Single Cylinder Tailpiece
- 2¹/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₄"- 2³/₄"
- Extended Components:
- Long Single Cylinder Tailpiece
- 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2³/₄"- 3³/₈"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Brass Low Profile & Rope Style Deadbolt, Double Cylinder

Low Profile (8355) & Rope Style (8364)

- Standard Door Thickness: 1¹/₄"- 2¹/₈"
- Standard Components:
- Double Cylinder Tailpieces
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₈"- 2⁷/₈"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Door Thickness Specifications

Brass Decorative Deadbolt, Single Cylinder

Style #8 (8466), Arts & Crafts (8454), Rectangular (8468), Saratoga (8458) & Knoxville (8459)

- Standard Door Thickness: 1³/₄" - 2¹/₈"
- Standard Components:
- Single Cylinder Tailpiece
- 2¹/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₈" - 2³/₄"
- Extended Components:
- Long Single Cylinder Tailpiece
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2³/₄" - 3"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Brass Decorative Deadbolt, Double Cylinder

Style #8 (8366), Arts & Crafts (8354), Rectangular (8368), Saratoga (8358) & Knoxville (8359)

- Standard Door Thickness: 1¹/₂" - 1⁷/₈"
- Standard Components:
- Double Cylinder Tailpieces
- 2¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 1⁷/₈" - 2⁵/₈"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

* Part # DB4-COLLAR32 Available for 1³/₈" Thick Doors

Brass Modern Deadbolts, Single Cylinder

Modern Style (8467) & Square Style (8469)

- Standard Door Thickness: 1³/₄" - 2¹/₈"
- Standard Components:
- Single Cylinder Tailpiece
- 2¹/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₈" - 2³/₄"
- Extended Components:
- Long Single Cylinder Tailpiece
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2³/₄" - 3"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Brass Modern Deadbolts, Double Cylinder

Modern Style (8367) & Square Style (8369)

- Standard Door Thickness: 1¹/₂" - 1⁷/₈"
- Standard Components:
- Double Cylinder Tailpieces
- 2¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 1⁷/₈" - 2⁵/₈"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Door Thickness Specifications

Bronze Regular Style Deadbolt, Single Cylinder (8450BZ)

- Standard Door Thickness: 1³/₈" - 2"
- Standard Components:
- Single Cylinder Tailpiece
 - 2¹/₄" & 2¹/₂" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

- *Extended* Door Thickness: 2" - 2⁵/₈"
- Extended Components:
- Long Single Cylinder Tailpiece
 - 3" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

- *Extended* Door Thickness: 2⁵/₈" - 3"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
 - 3¹/₂" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

Bronze Regular Style Deadbolt, Double Cylinder (8350BZ)

- Standard Door Thickness: 1¹/₄" - 2"
- Standard Components:
- Long Double Cylinder Tailpieces
 - 3" & 3¹/₂" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

• *Extended Door Thickness Not Available for this Model*

Bronze Decorative Deadbolts, Single Cylinder

#1 (8457), #3 (8465), #4 (8474)

- Standard Door Thickness: 1¹/₂" - 2¹/₄"
- Standard Components:
- Single Cylinder Tailpiece
 - 2¹/₂" & 3" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

- *Extended* Door Thickness: 2¹/₄" - 3"
- Extended Components:
- Long Single Cylinder Tailpiece
 - 3" & 3¹/₂" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

Bronze Decorative Deadbolts, Double Cylinder

#1 (8357), #3 (8365), #4 (8374)

- Standard Door Thickness: 1³/₄" - 2³/₈"
- Standard Components:
- Double Cylinder Tailpieces
 - 2¹/₄" & 2¹/₂" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

- *Extended* Door Thickness: 1⁷/₈" - 2⁵/₈"
- Extended Components:
- Long Double Cylinder Tailpieces
 - 3" & 3¹/₂" Deadbolt Mounting Screws
 - Deadbolt Strike Plate

Door Thickness Specifications

Bronze Tuscany & Tuscany Classic Style Deadbolt, Single Cylinder

Tuscany (8456) & Tuscany Classic (8471)

- Standard Door Thickness: 1 1/4" - 2 1/4"
- Standard Components:
- Single Cylinder Tailpiece
- 2 1/4" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2 1/4" - 2 3/4"
- Extended Components:
- Long Single Cylinder Tailpiece
- 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2 3/4" - 3 3/8"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 3 1/2" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Bronze Tuscany & Tuscany Classic Style Deadbolt, Double Cylinder

Tuscany (8356) & Tuscany Classic (8371)

- Standard Door Thickness: 1 1/4" - 2 1/8"
- Standard Components:
- Double Cylinder Tailpieces
- 2 1/2" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2 1/8" - 2 7/8"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3" & 3 1/2" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Lost Wax Cast Bronze Deadbolts, Single Cylinder

Octagon (8460), Art Nouveau (8470), #11 Style (8472), #14 Style (8473)

- Standard Door Thickness: 1 5/8" - 2 1/4"
- Standard Components:
- Single Cylinder Tailpiece
- 2 1/2" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2 1/4" - 3"
- Extended Components:
- Long Single Cylinder Tailpiece
- 3" & 3 1/2" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Lost Wax Cast Bronze Deadbolts, Double Cylinder

Octagon (8360), Art Nouveau (8370), #11 Style (8372), #14 Style (8373)

- Standard Door Thickness: 1 3/4" - 2 3/8"
- Standard Components:
- Double Cylinder Tailpieces
- 2 1/4" & 2 1/2" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2 3/8" - 3"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3" & 3 1/2" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Door Thickness Specifications

Wrought Steel #2 Style Deadbolt, Single Cylinder (8352)

- Standard Door Thickness: 1³/₈" - 2"
- Standard Components:
- Single Cylinder Tailpiece
- 2¹/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2" - 2³/₄"
- Extended Components:
- Long Single Cylinder Tailpiece
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2³/₄" - 3"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Wrought Steel #2 Style Deadbolt, Double Cylinder (8350)

- Standard Door Thickness: 1³/₈" - 2"
- Standard Components:
- Long Double Cylinder Tailpieces
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 1⁷/₈" - 2¹/₂"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Wrought Steel #1 & #3 Style Deadbolt, Single Cylinder (8461 & 8463)

- Standard Door Thickness: 1³/₈" - 2¹/₈"
- Standard Components:
- Single Cylinder Tailpiece
- 2¹/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₈" - 2⁷/₈"
- Extended Components:
- Long Single Cylinder Tailpiece
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2⁷/₈" - 3³/₈"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Wrought Steel #1 & #3 Style Deadbolt, Double Cylinder (8361 & 8363)

- Standard Door Thickness: 1¹/₂" - 2¹/₄"
- Standard Components:
- Double Cylinder Tailpieces
- 2¹/₄" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₄" - 2⁷/₈"
- Extended Components:
- Long Double Cylinder Tailpieces
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Brass, Bronze & Wrought Steel **Single-Sided** Deadbolts

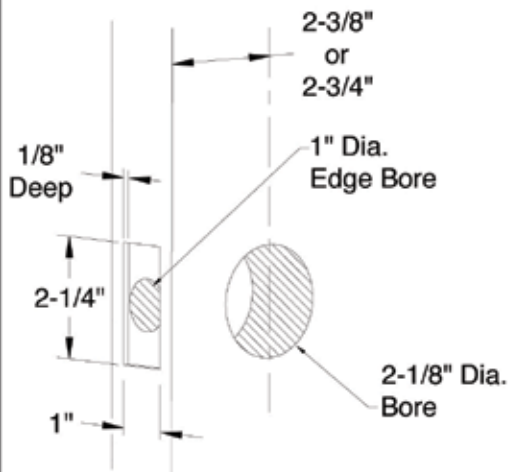
- Standard Door Thickness: 1⁵/₈" - 2³/₈"
- Standard Components:
- Single Cylinder Tailpiece
- 1³/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2³/₈" - 2³/₄"
- Extended Components:
- Long Single Cylinder Tailpiece
- 2¹/₄" Deadbolt Mounting Screws
- Deadbolt Strike Plate

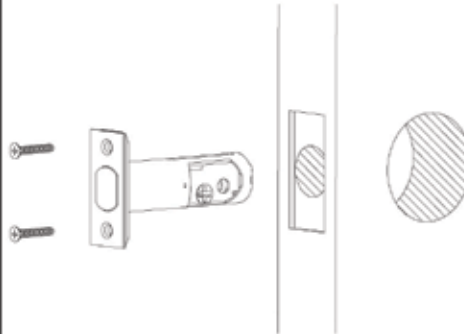
- **Extended** Door Thickness: 2⁷/₈" - 3³/₈"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- 2¹/₂" & 3" Deadbolt Mounting Screws
- Deadbolt Strike Plate

Installation Instructions-Single Cylinder Deadbolts

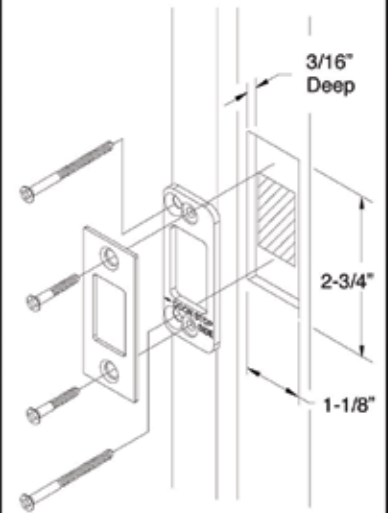
Door Prep



Install Bolt



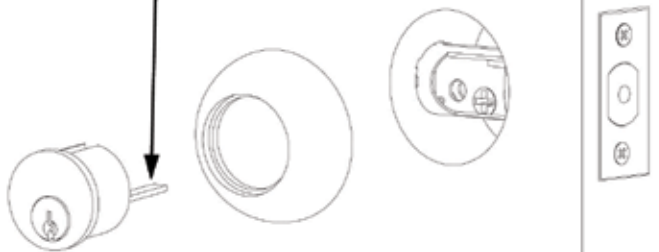
Door Prep Jamb



Outside

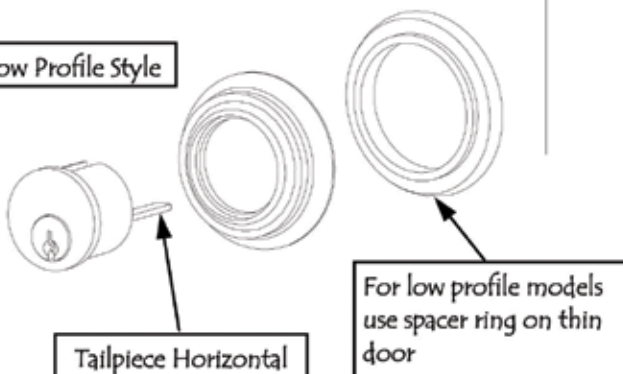
Regular Style

Tailpiece Horizontal

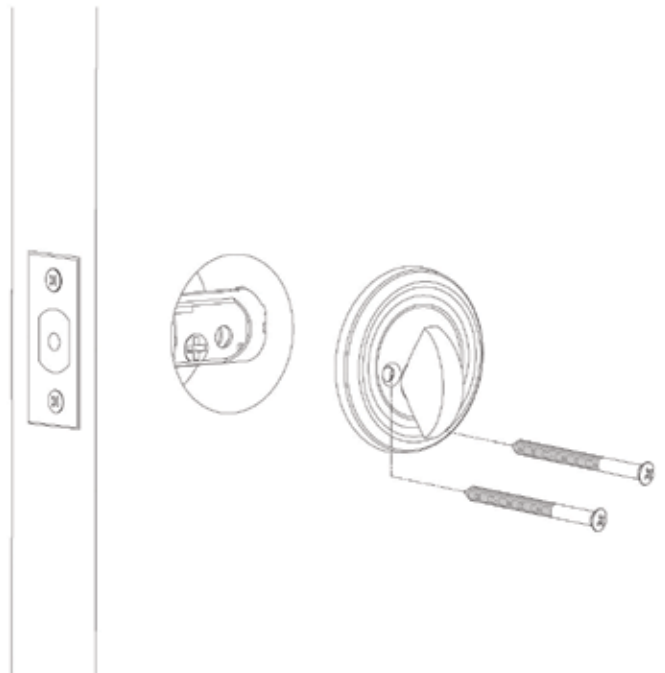


Low Profile Style

Tailpiece Horizontal

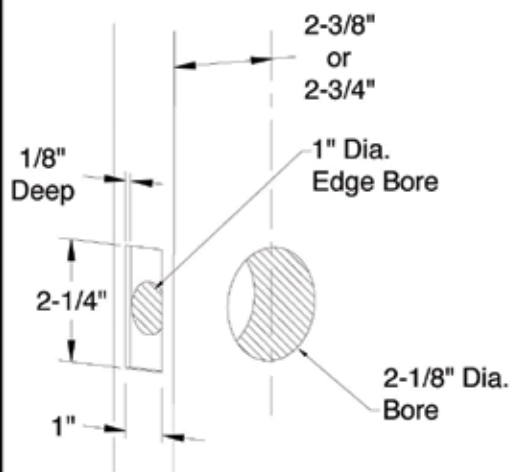


Inside

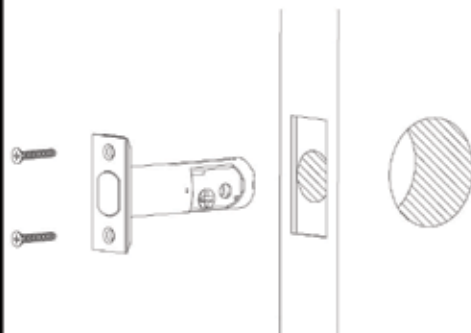


Installation Instructions-Double Cylinder Deadbolts

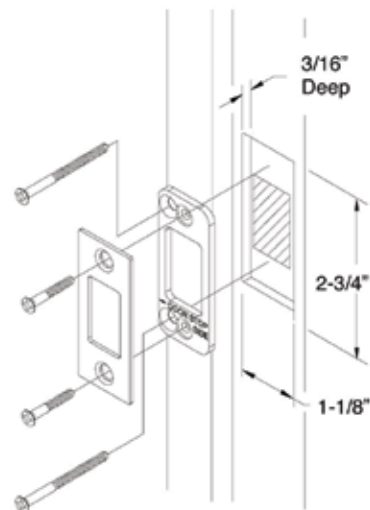
Door Prep



Install Bolt

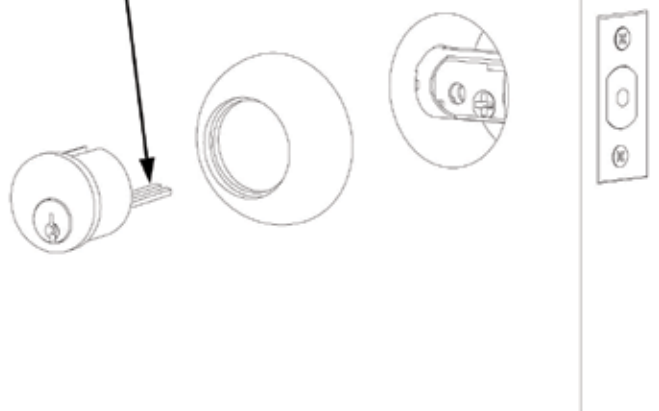


Door Jamb Prep

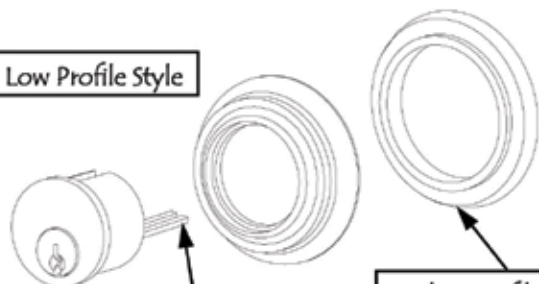


Outside

Tailpiece Horizontal



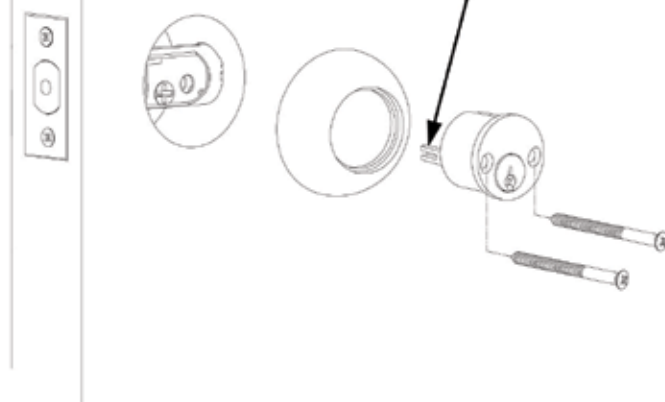
Low Profile Style



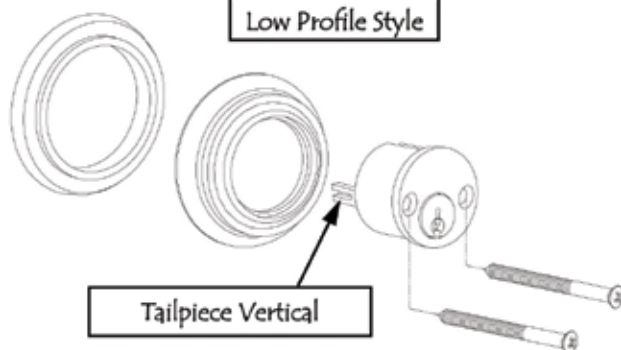
For low profile models use spacer ring on thin door

Inside

Tailpiece Vertical



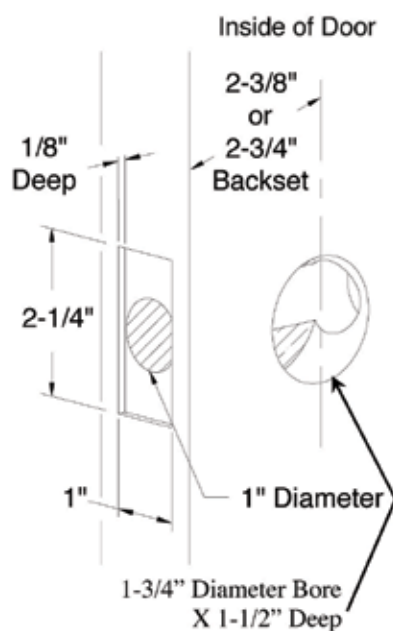
Low Profile Style



Installation Guide-Single Sided Deadbolt

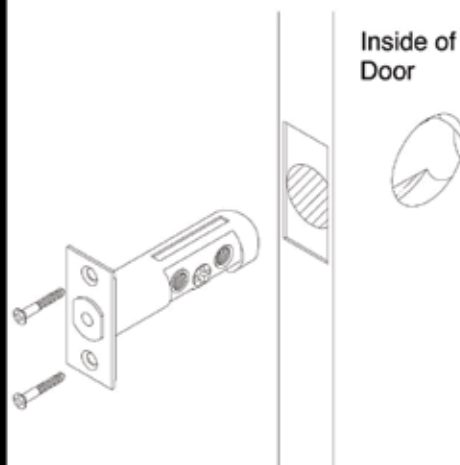
Door Prep.

For Doors Thickness:
1-5/8" to 2-3/8"

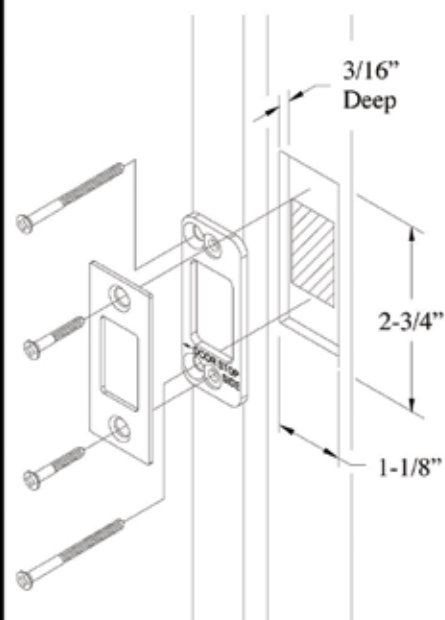


(NOTE: Bore from the inside.
Do not bore all the way
through the door.)

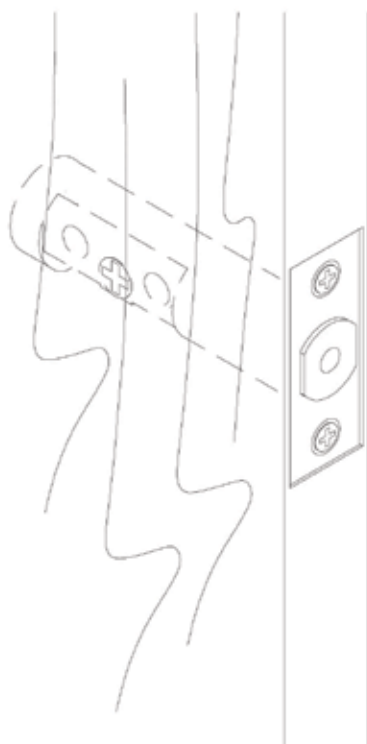
Install Bolt



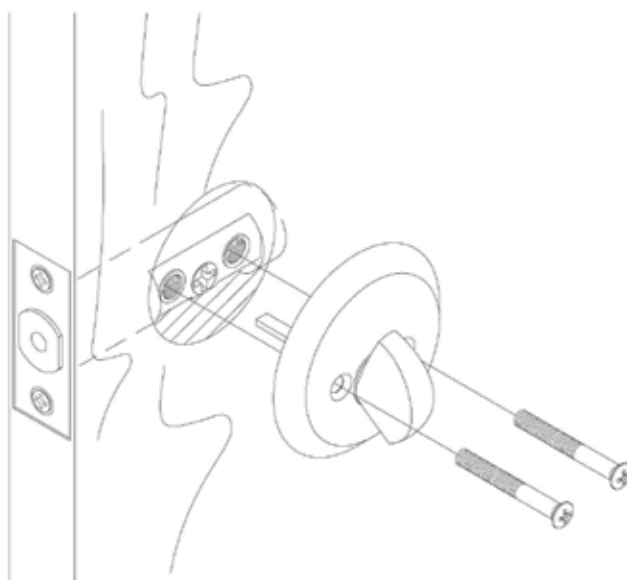
Door Jam Prep



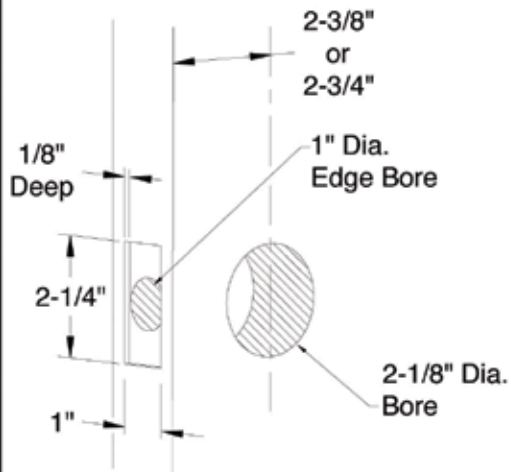
Outside



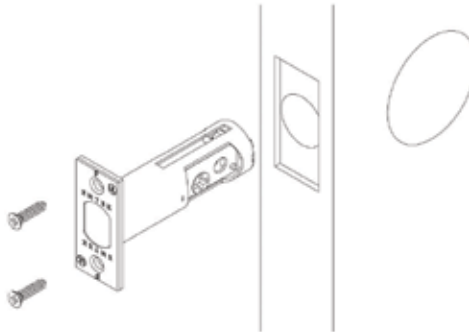
Inside



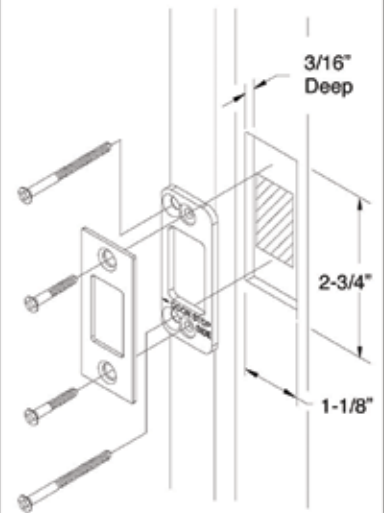
Door Prep



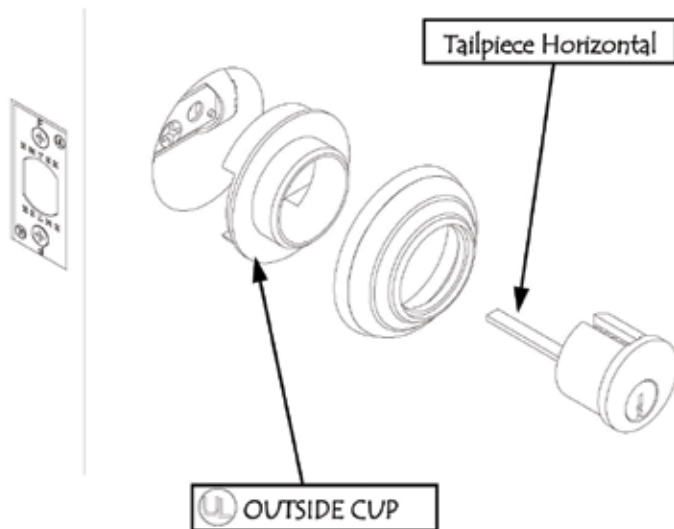
Install Bolt



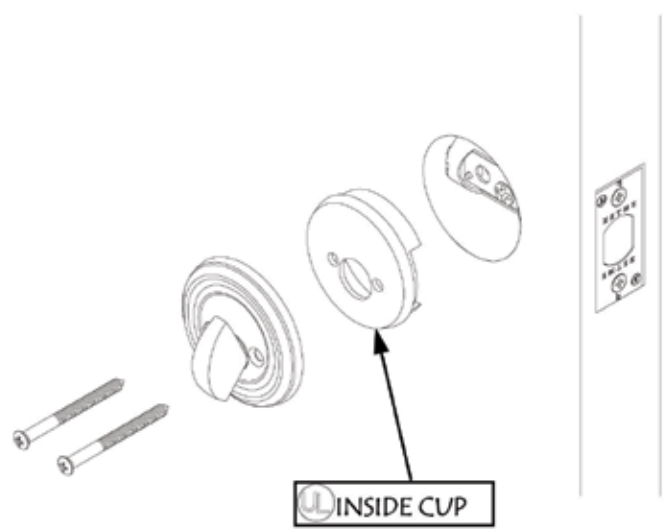
Door Prep Jamb



Outside



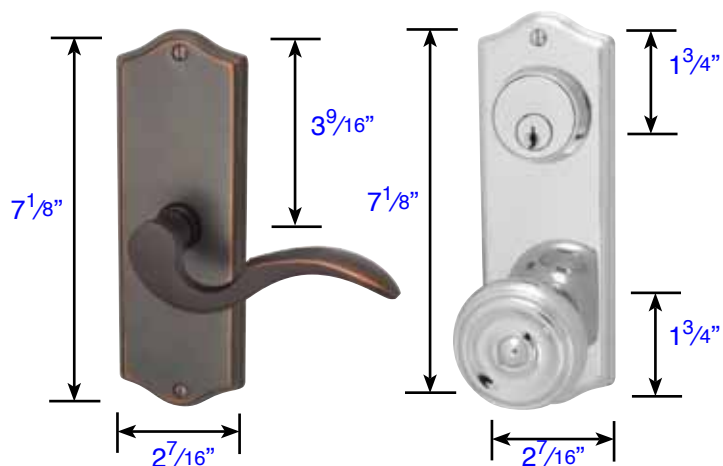
Inside



DECORATIVE PLATE LOCKS

COLONIAL STYLE

Plates are $\frac{3}{8}$ " thick

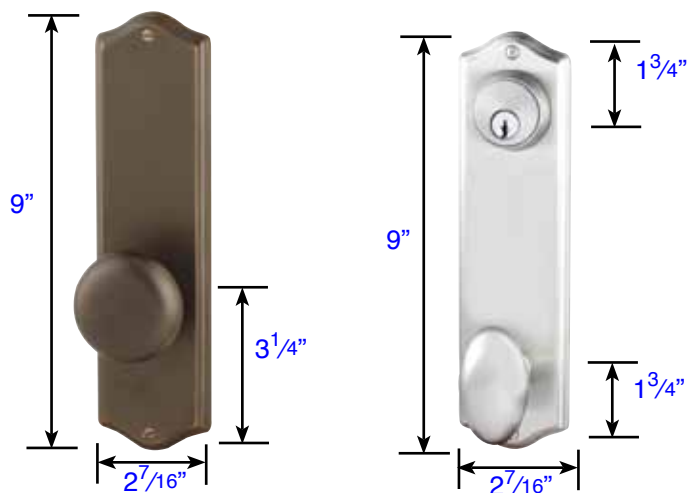


Non-Keyed

Passage (8010)
Privacy (8020)
Dummy (8001)

Keyed

Single Cylinder (8060)
Double Cylinder (8160)
Dummy (8065)



Non-Keyed

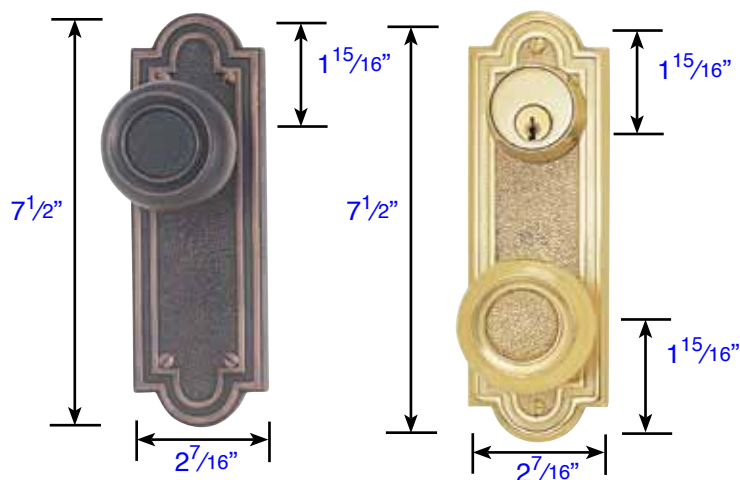
Passage (8711)
Privacy (8811)
Dummy (8851)

Keyed

Single Cylinder (8990)
Double Cylinder (8991)
Dummy (8995)

BELMONT STYLE

Plates are $\frac{3}{8}$ " thick



Non-Keyed

Passage (8102)
Privacy (8202)
Dummy (8052)

Keyed

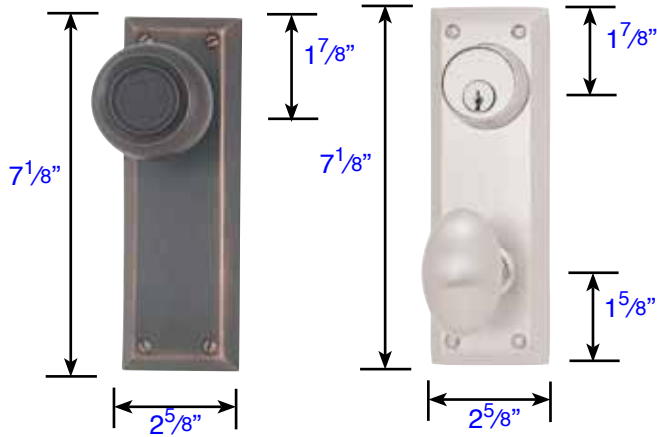
Single Cylinder (8070)
Double Cylinder (8071)
Dummy (8075)

• Refer to page 99 for Door Thickness Specifications

DECORATIVE PLATE LOCKS

QUINCY STYLE

Plates are $\frac{3}{8}$ " thick

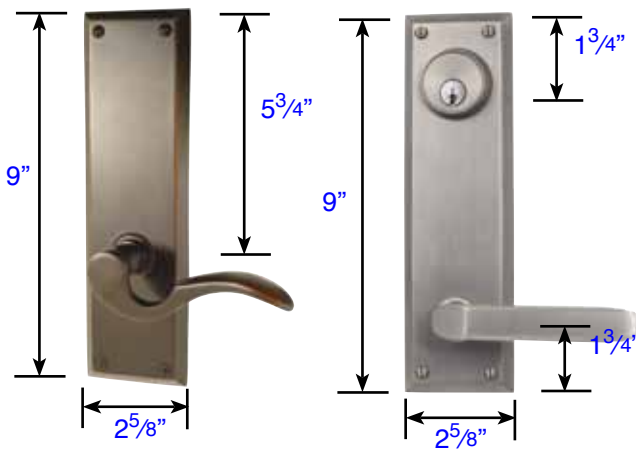


Non-Keyed

Passage (8104)
Privacy (8204)
Dummy (8054)

Keyed

Single Cylinder (8080)
Double Cylinder (8081)
Dummy (8085)



Non-Keyed

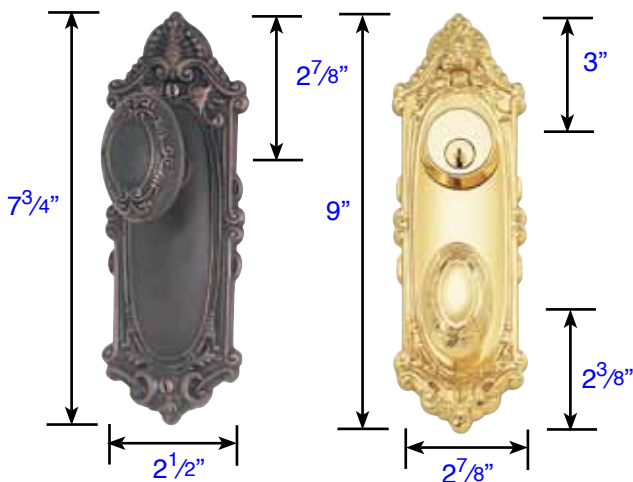
Passage (8704)
Privacy (8804)
Dummy (8854)

Keyed

Single Cylinder (8980)
Double Cylinder (8981)
Dummy (8985)

VICTORIA STYLE

Plates are $\frac{3}{8}$ " thick



Non-Keyed

Passage (8103)
Privacy (8203)
Dummy (8053)

Keyed

Single Cylinder (8090)
Double Cylinder (8091)
Dummy (8095)

• Refer to page 99 for Door Thickness Specifications

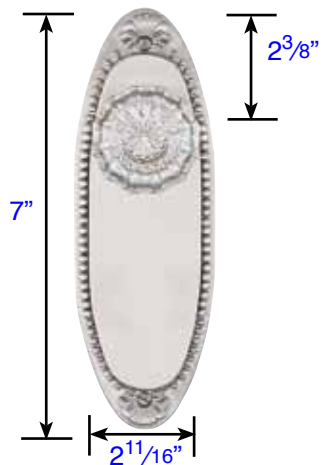
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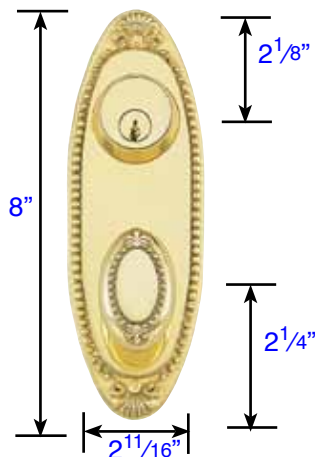
DECORATIVE PLATE LOCKS

OVAL BEADED STYLE

Plates are $\frac{3}{8}$ " thick



Non-Keyed
 Passage (8105)
 Privacy (8205)
 Dummy (8055)

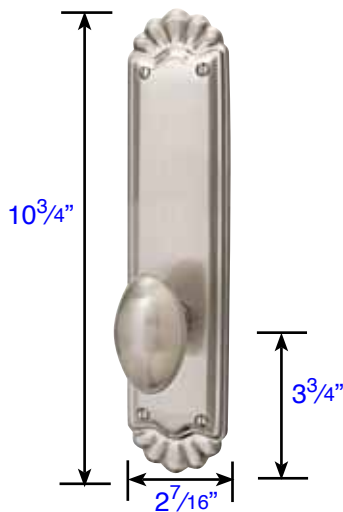


Keyed
 Single Cylinder (6010)
 Double Cylinder (6011)
 Dummy (6015)

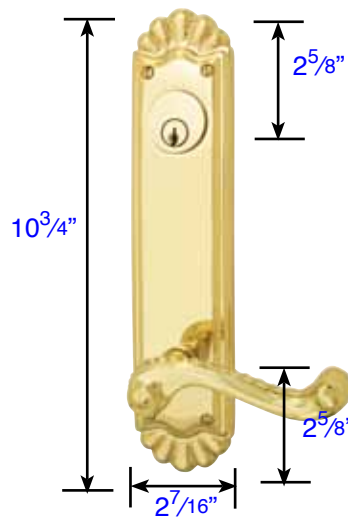
• Refer to page 99 for Door Thickness Specifications

TRENTON STYLE

Plates are $\frac{1}{2}$ " thick



Non-Keyed
 Passage (8109)
 Privacy (8209)
 Dummy (8059)



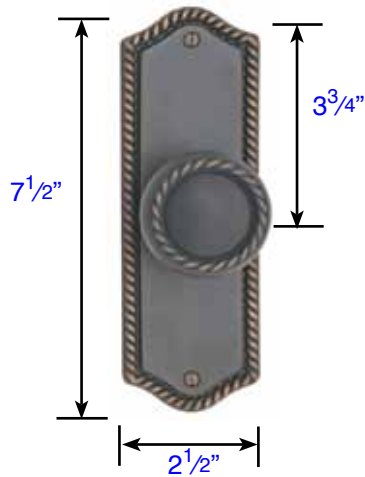
Keyed
 Single Cylinder (6030)
 Double Cylinder (6031)
 Dummy (6035)

• Refer to page 100 for Door Thickness Specifications

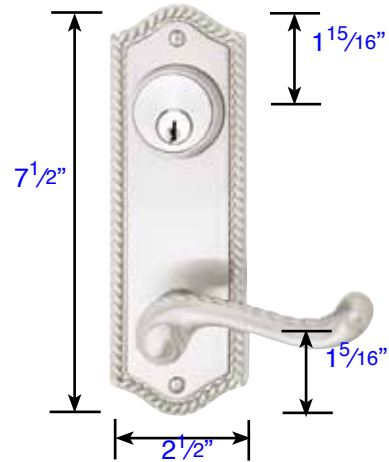
DECORATIVE PLATE LOCKS

ROPE STYLE

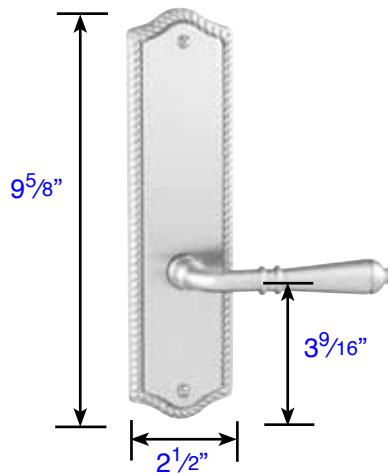
Plates are $\frac{3}{8}$ " thick



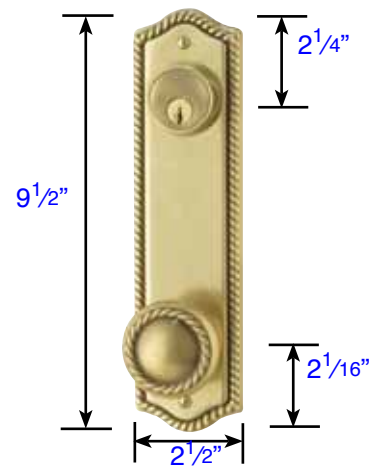
Non-Keyed
Passage (7109)
Privacy (7209)
Dummy (7059)



Keyed
Single Cylinder (7090)
Double Cylinder (7091)
Dummy (7095)



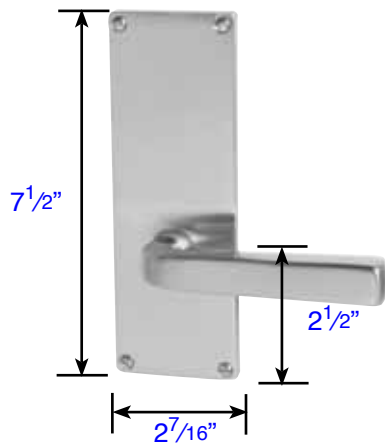
Non-Keyed
Passage (7710)
Privacy (7810)
Dummy (7850)



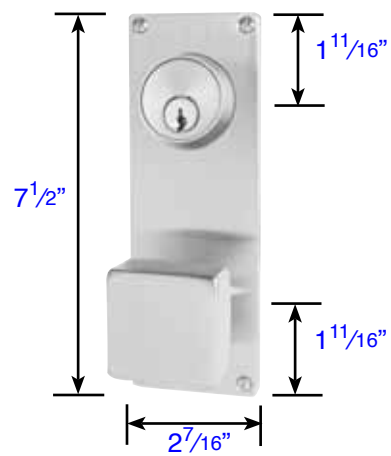
Keyed
Single Cylinder (7990)
Double Cylinder (7991)
Dummy (7995)

• Refer to page 99 for Door Thickness Specifications

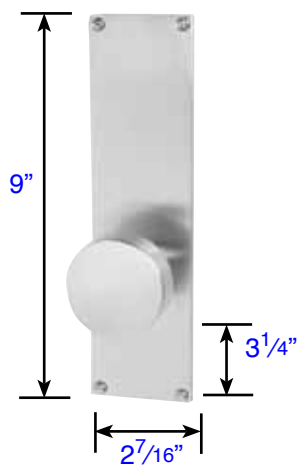
DECORATIVE PLATE LOCKS



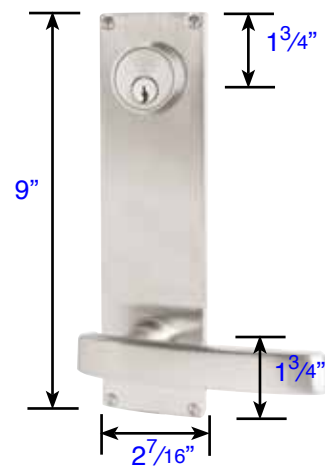
Non-Keyed
 Passage (8111)
 Privacy (8211)
 Dummy (8011)



Keyed
 Single Cylinder (8112)
 Double Cylinder (8212)
 Dummy (8012)



Non-Keyed
 Passage (8113)
 Privacy (8213)
 Dummy (8013)

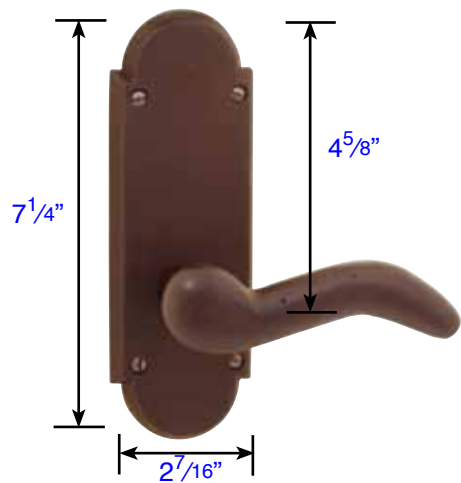


Keyed
 Single Cylinder (8114)
 Double Cylinder (8214)
 Dummy (8014)

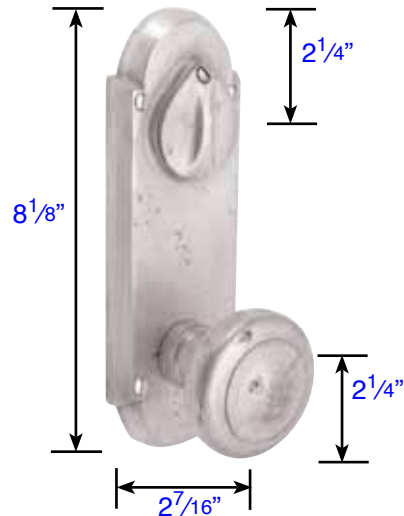
• Refer to page 99 for Door Thickness Specifications

DECORATIVE PLATE LOCKS

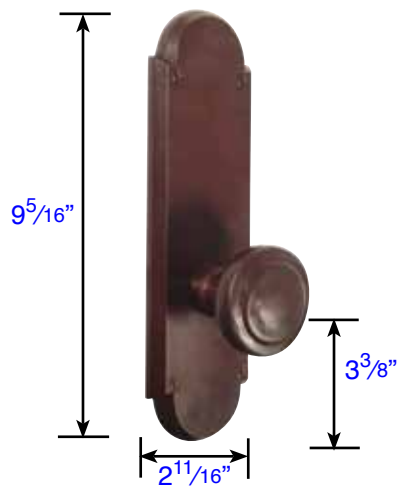
#5 STYLE
Plates are $\frac{1}{2}$ " thick



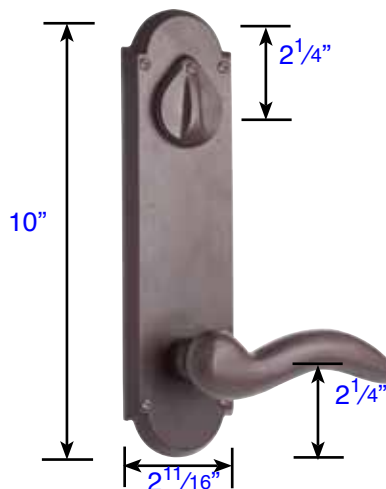
Non-Keyed
Passage (7107)
Privacy (7207)
Dummy (7057)



Keyed
Single Cylinder (7070)
Double Cylinder (7071)
Dummy (7075)



Non-Keyed
Passage (7707)
Privacy (7807)
Dummy (7757)



Keyed
Single Cylinder (7670)
Double Cylinder (7671)
Dummy (7675)

• Refer to page 101 for Door Thickness Specifications

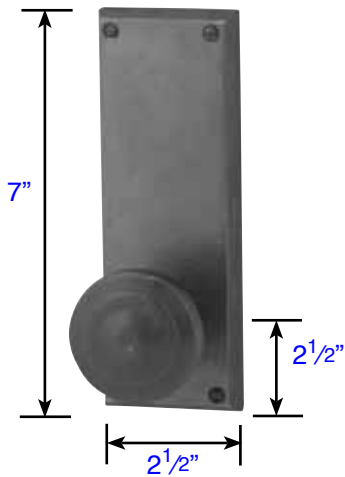
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DECORATIVE PLATE LOCKS

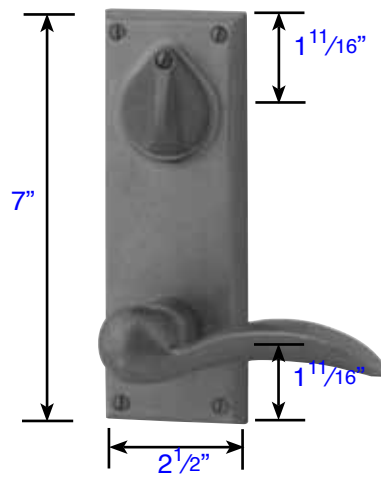
RECTANGULAR STYLE

Plates are $\frac{1}{2}$ " thick



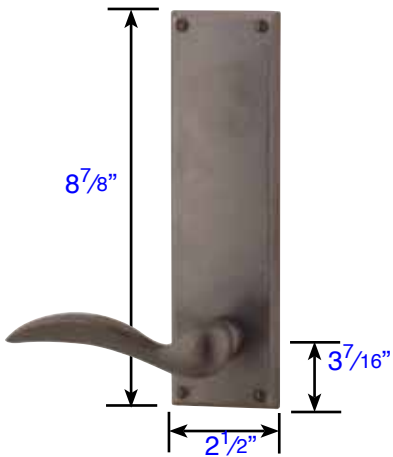
Non-Keyed

Passage (71013)
Privacy (72013)
Dummy (70053)



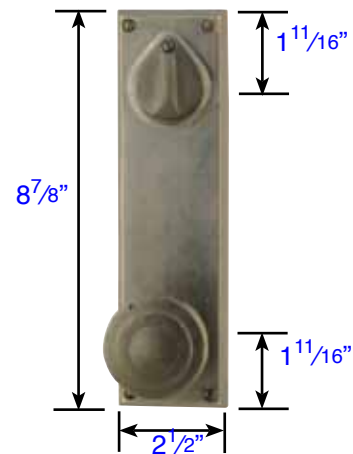
Keyed

Single Cylinder (7360)
Double Cylinder (7361)
Dummy (7365)



Non-Keyed

Passage (7512)
Privacy (7612)
Dummy (7552)



Keyed

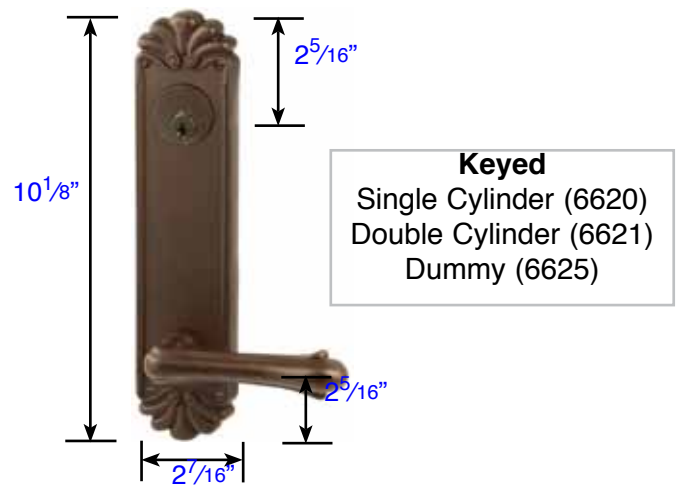
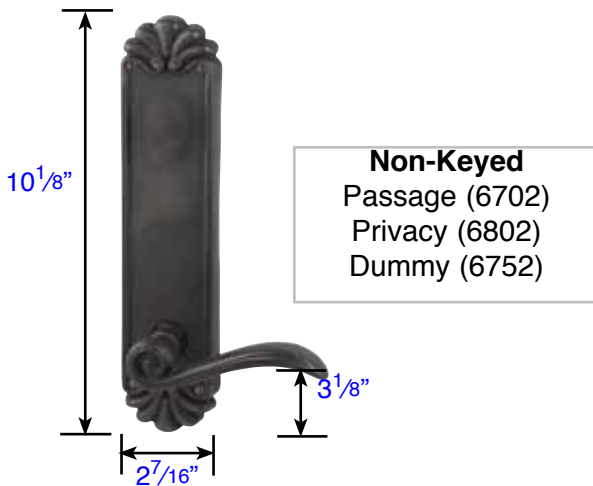
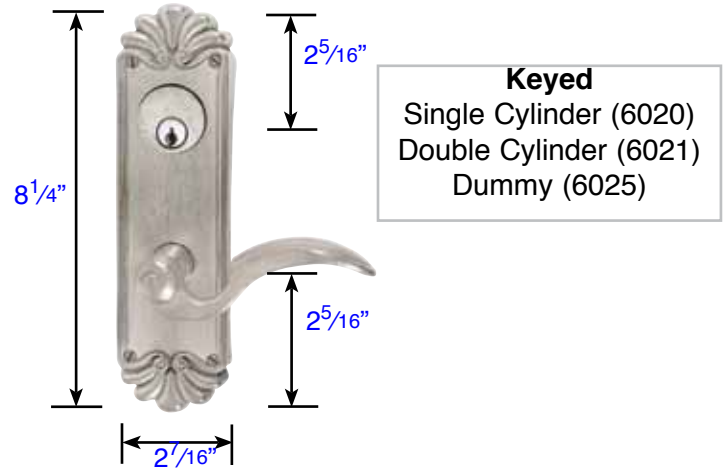
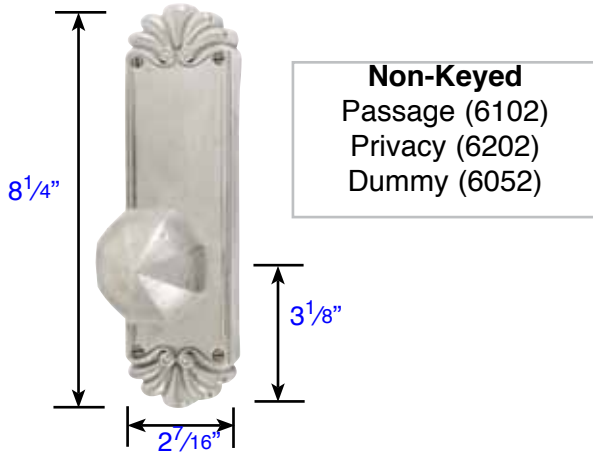
Single Cylinder (7560)
Double Cylinder (7561)
Dummy (7565)

• Refer to page 101 for Door Thickness Specifications

DECORATIVE PLATE LOCKS

#16 STYLE

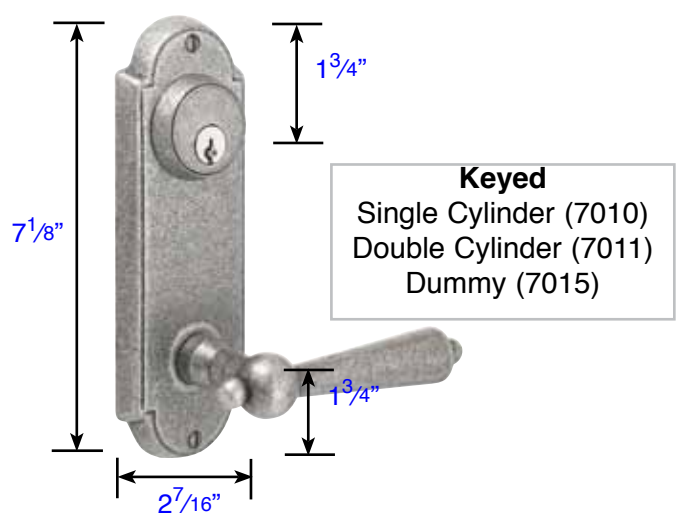
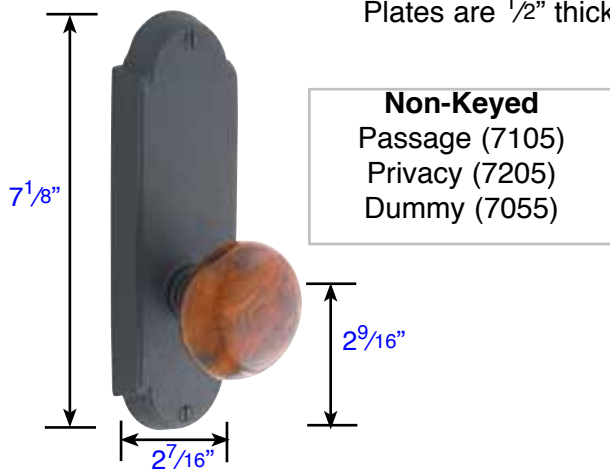
Plates are $\frac{5}{8}$ " thick



• Refer to page 96 for Door Thickness Specifications

WROUGHT STEEL #5 STYLE

Plates are $\frac{1}{2}$ " thick



• Refer to page 100 & 101 for Door Thickness Specifications

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Door Thickness Specifications

Brass Non-Keyed Plates (passage/privacy)

Colonial Style (8010/8020 & 8711/8811), Belmont Style (8102/8202), Quincy Style (8104/8204 & 8704/8804),
Victoria Style (8103/8203), Oval Beaded Style (8105/8205),
Rope Style (7109/7209 & 7710/7810), Modern Style (8111/8112 & 8113/8213)

- Standard Door Thickness: 1¹/₄"- 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2"- 3"
- Extended Components:
- Privacy Pin w/ Extensions (for privacy sets)
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- Extended Full-Lip Strike Plate

Brass Keyed Plates, Single Cylinder

Colonial Style (8060/8990), Belmont Style (8070), Quincy Style (8080/8980),
Victoria Style (8090), Oval Beaded Style (6010),
Rope Style (7090/7990), Modern Style (8112/8114)

- Standard Door Thickness: 1¹/₄"- 1³/₄"
- Standard Components:
- Single Cylinder Tailpiece
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 1³/₄"- 2¹/₄"
- Extended Components:
- Long Single Cylinder Tailpiece
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 2¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₄"- 2³/₄"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- Extra Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Brass Keyed Plates, Double Cylinder

Colonial Style (8160/8991), Belmont Style (8071), Quincy Style (8081/8981),
Victoria Style (8091), Oval Beaded Style (6011),
Rope Style (7091/7991), Modern Style (8212/8214)

- Standard Door Thickness: 1⁵/₈"- 1³/₄"
- Standard Components:
- Double Cylinder Tailpiece
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 1³/₄"- 2¹/₂"
- Extended Components:
- Long Double Cylinder Tailpiece
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Door Thickness Specifications

Trenton Keyed Plates, Single Cylinder (6030)

<ul style="list-style-type: none">• Standard Door Thickness: 1⁵/₈" - 2¹/₈" Standard Components: <ul style="list-style-type: none">• Single Cylinder Tailpiece• Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• 2¹/₄" Deadbolt Mounting Screws• Full-Lip Strike Plate• Deadbolt Strike Plate	<ul style="list-style-type: none">• Extended Door Thickness: 1³/₄" - 2³/₄" Extended Components: <ul style="list-style-type: none">• Long Single Cylinder Tailpiece• Long Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• 2¹/₂" & 3" Deadbolt Mounting Screws• Extended Full-Lip Strike Plate• Deadbolt Strike Plate
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Trenton Style (Brass), Keyed Plates, Double Cylinder (6031)

<ul style="list-style-type: none">• Standard Door Thickness: 1⁵/₈" - 2" Standard Components: <ul style="list-style-type: none">• Double Cylinder Tailpiece• Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• 2¹/₂" Deadbolt Mounting Screws• Full-Lip Strike Plate• Deadbolt Strike Plate	<ul style="list-style-type: none">• Extended Door Thickness: 2" - 2⁵/₈" Extended Components: <ul style="list-style-type: none">• Long Double Cylinder Tailpiece• Long Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• 3" Deadbolt Mounting Screws• Extended Full-Lip Strike Plate• Deadbolt Strike Plate
---	--

* Part # DB4-COLLAR32 Available for 1³/₈" Thick Doors

Wrought Steel Non-Keyed Plate (passage/privacy) (7105/7205)

<ul style="list-style-type: none">• Standard Door Thickness: 1¹/₄" - 1³/₄" Standard Components: <ul style="list-style-type: none">• Privacy Pin (for privacy sets)• Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• Full-Lip Strike Plate	<ul style="list-style-type: none">• Extended Door Thickness: 1³/₄" - 2³/₈" Extended Components: <ul style="list-style-type: none">• Privacy Pin w/Extension (for privacy sets)• Long Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• Extended Full-Lip Strike Plate	<ul style="list-style-type: none">• Extended Door Thickness: 1³/₄" - 2³/₈" Extended Components: <ul style="list-style-type: none">• Privacy Pin w/Extension (for privacy sets)• Long Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• Extended Full-Lip Strike Plate
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Wrought Steel #5 Style Keyed Plates, Single Cylinder (7010)

<ul style="list-style-type: none">• Standard Door Thickness: 1¹/₂" - 1³/₄" Standard Components: <ul style="list-style-type: none">• Single Cylinder Tailpiece• Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• 2¹/₄" Deadbolt Mounting Screws• Full-Lip Strike Plate• Deadbolt Strike Plate	<ul style="list-style-type: none">• Extended Door Thickness: 1³/₄" - 2¹/₄" Extended Components: <ul style="list-style-type: none">• Long Single Cylinder Tailpiece• Long Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• 2¹/₂" Deadbolt Mounting Screws• Extended Full-Lip Strike Plate• Deadbolt Strike Plate	<ul style="list-style-type: none">• Extended Door Thickness: 2¹/₄" - 2³/₄" Extended Components: <ul style="list-style-type: none">• Extra Long Single Cylinder Tailpiece• Extra Long Inside Passage Half Spindle• 1" Wood Screws• Threaded Tubes & Machine Screws <i>supplied upon request for Hollow-Core Doors</i> <ul style="list-style-type: none">• 3" Deadbolt Mounting Screws• Extended Full-Lip Strike Plate• Deadbolt Strike Plate
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Door Thickness Specifications

Wrought Steel #5 Keyed Plates, Double Cylinder (7011)

- Standard Door Thickness: 1⁵/₈"- 1³/₄"
- Standard Components:
- Double Cylinder Tailpiece
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 1³/₄"- 2³/₈"
- Extended Components:
- Long Double Cylinder Tailpiece
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Cast Bronze Non-Keyed Plates (passage/privacy)

#5 (7107/7207 & 7707/7807), Rectangular Style (71013/72013 & 7512/7612), #16 Style (6102/6202 & 6702/6802)

- Standard Door Thickness: 1¹/₄"- 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2"- 3"
- Extended Components:
- Privacy Pin w/ Extensions (for privacy sets)
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- Extended Full-Lip Strike Plate

Cast Bronze Keyed Plates, Single Cylinder

#5 (7070/7670), Rectangular Style (7360/7560), #16 Style (6020/6620)

- Standard Door Thickness: 1⁵/₈"- 2"
- Standard Components:
- Single Cylinder Tailpiece
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 2¹/₄" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2"- 2³/₈"
- Extended Components:
- Long Single Cylinder Tailpiece
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 2¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2³/₈"- 3"
- Extended Components:
- Extra Long Single Cylinder Tailpiece
- Extra Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3" & 3¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Cast Bronze Keyed Plates, Double Cylinder

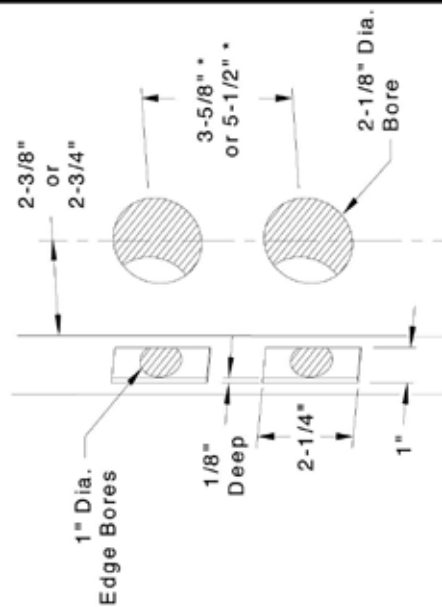
#5 (7071/7671), Rectangular Style (7361/7561), #16 Style (6021/6621)

- Standard Door Thickness: 1¹/₂"- 2"
- Standard Components:
- Single Cylinder Tailpiece
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 2¹/₂" Deadbolt Mounting Screws
- Full-Lip Strike Plate
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2"- 2¹/₂"
- Extended Components:
- Long Double Cylinder Tailpiece
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

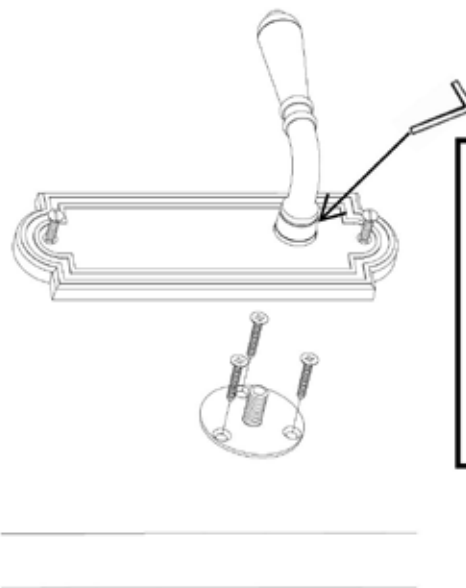
- **Extended** Door Thickness: 2¹/₄"- 2³/₄"
- Extended Components:
- Long Double Cylinder Tailpiece
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 3¹/₂" Deadbolt Mounting Screws
- Extended Full-Lip Strike Plate
- Deadbolt Strike Plate

Door Prep. Active



*NOTE: DIM. VARIES DEPENDING ON STYLE

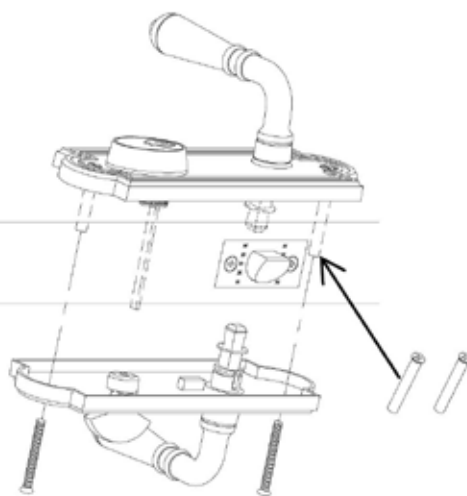
Dummy



After lock has been installed tighten set screw with allen wrench.

Optional Thru Bolts

Thru bolts (provided) may be used on hollow doors instead of wood screws (also provided).

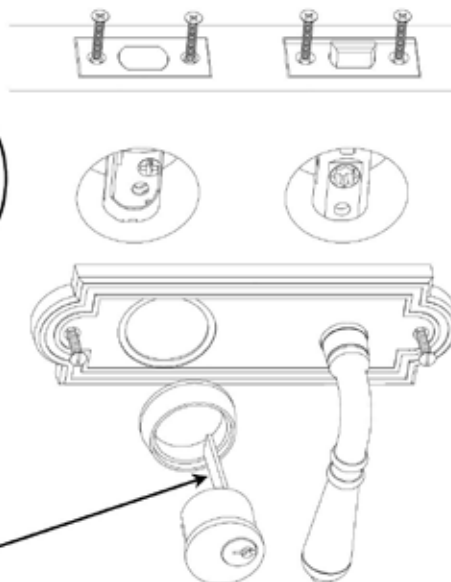


Outside Single or Double Cylinder

Double Cylinder

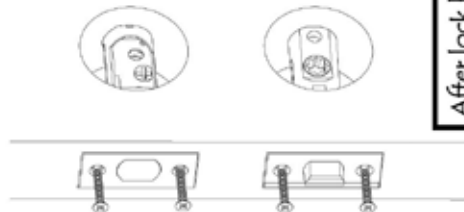


Tailpiece - Horizontal



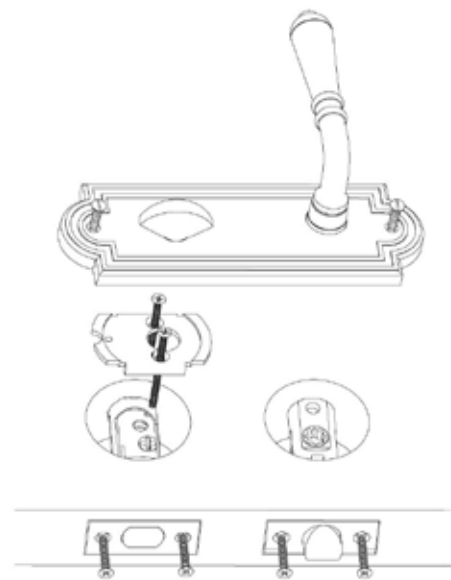
Inside Double Cylinder

Tailpiece - Vertical

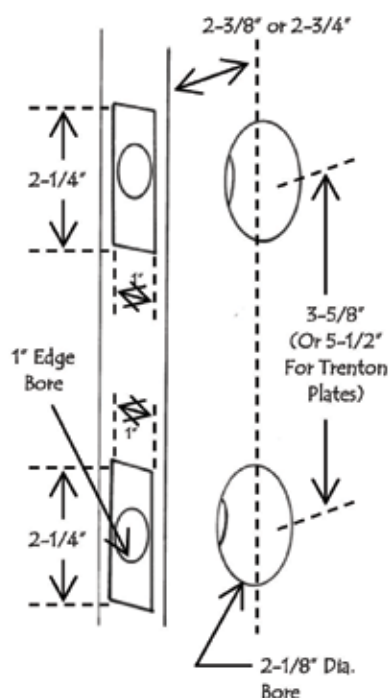


After lock has been installed tighten set screw with allen wrench.

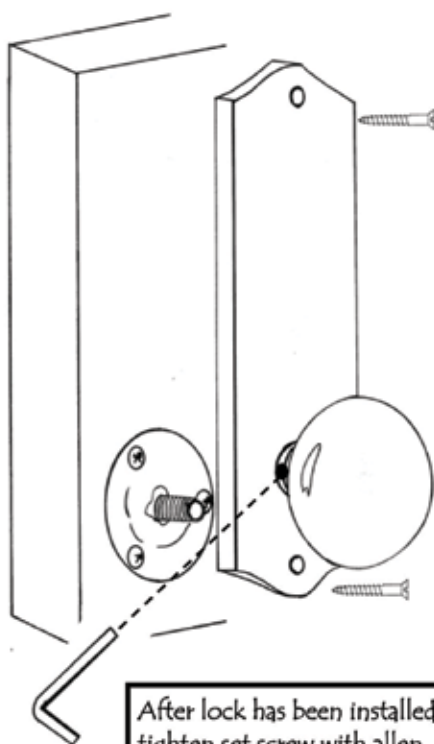
Inside Single Cylinder



Door Prep. Active



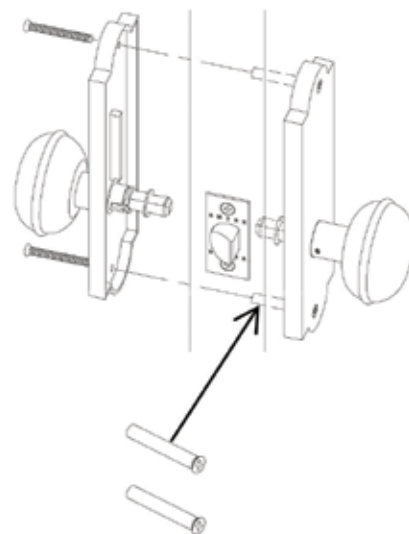
Dummy



After lock has been installed tighten set screw with allen wrench.

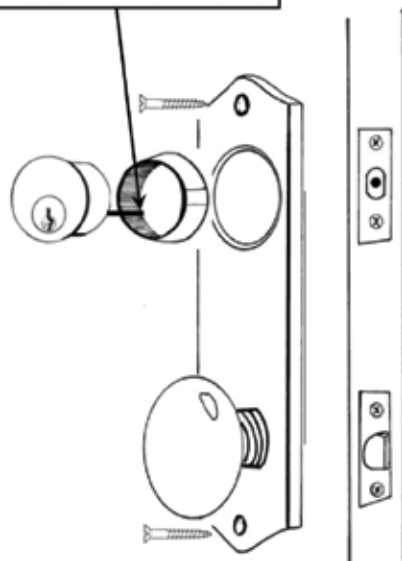
Optional Thru Bolts

Thru bolts (provided) may be used on hollow doors instead of wood screws (also provided).

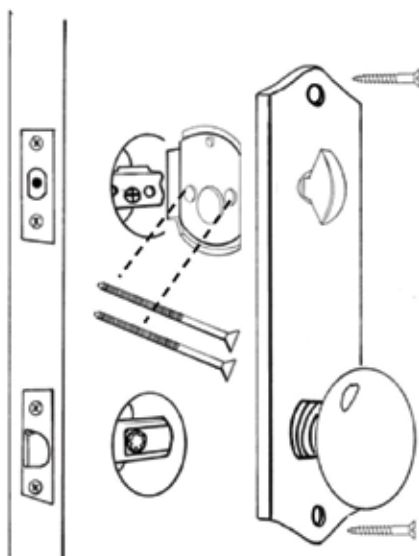


Outside
Single or Double Cylinder

Tailpiece - Horizontal

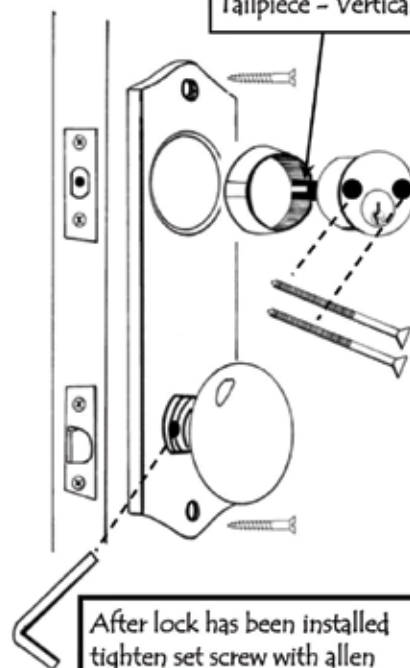


Inside
Single Cylinder



Inside
Double Cylinder

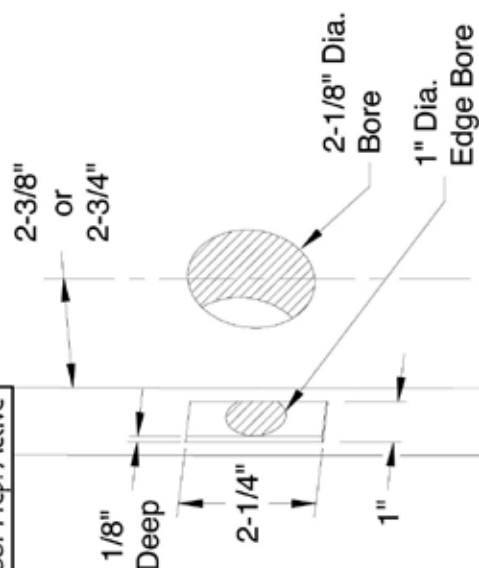
Tailpiece - Vertical



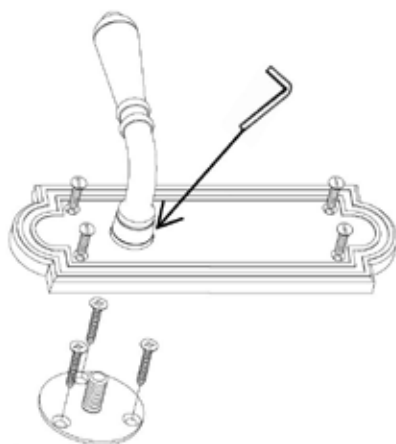
After lock has been installed tighten set screw with allen wrench.

IMPORTANT: Lever location on the sideplate (top, middle, or bottom) varies depending on style. Determine proper orientation before drilling holes.

Door Prep. Active

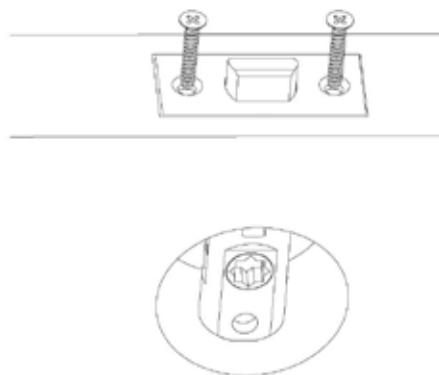


Dummy

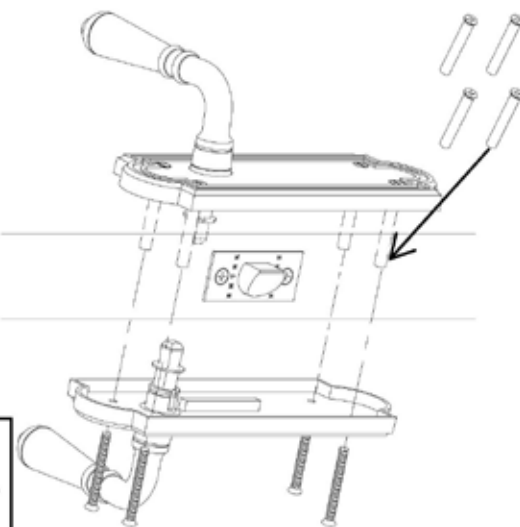


After lock has been installed tighten set screw with allen wrench.

Optional Thru Bolts

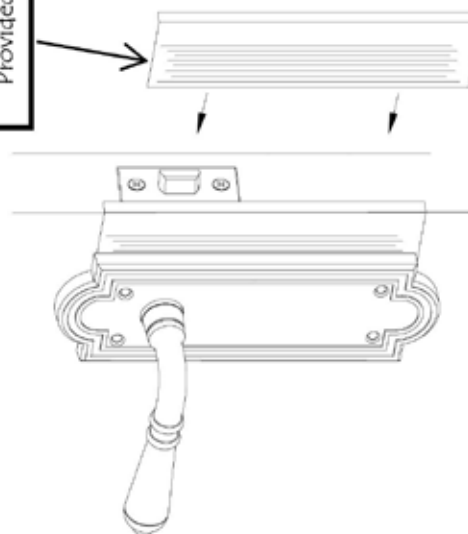


Latch



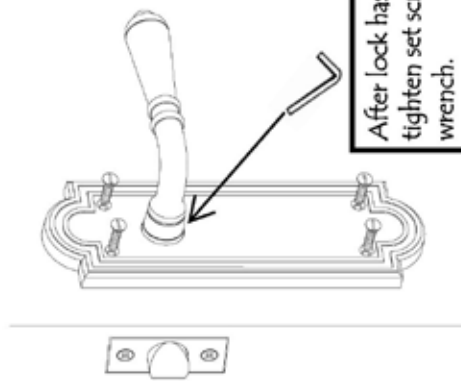
Thru bolts (provided) may be used on hollow doors instead of wood screws (also provided).

Align Plates



Align sideplates using edge guide.

Mount Plates

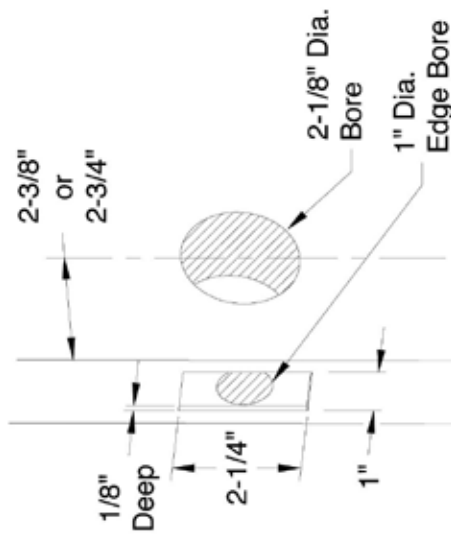


After lock has been installed tighten set screw with allen wrench.

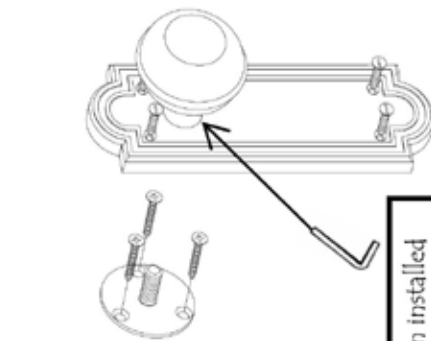
Drill pilot holes, install wood screws or thru bolts as required (both types are provided).

IMPORTANT: Knob location on the sideplate (top, middle, or bottom) varies depending on style. Determine proper orientation before drilling holes.

Door Prep. Active



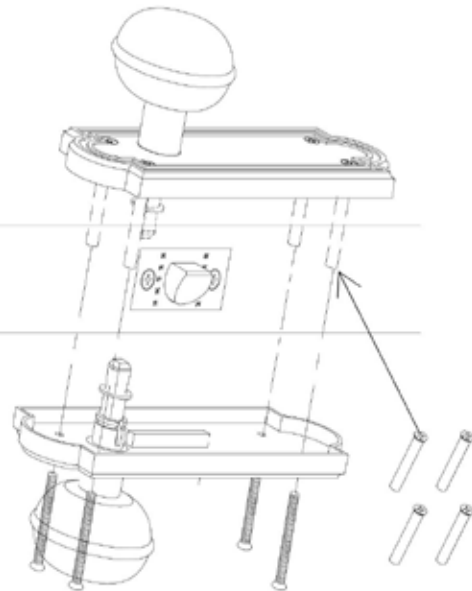
Dummy



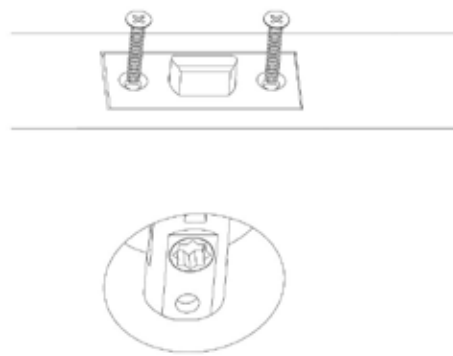
After lock has been installed tighten set screw with allen wrench.

Optional Thru Bolts

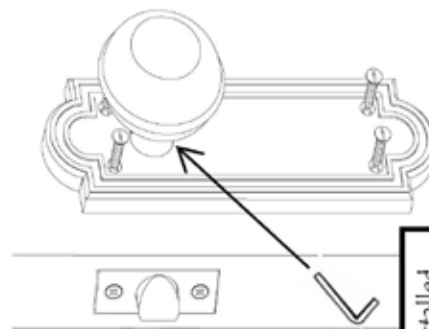
Thru bolts (provided) may be used on hollow doors instead of wood screws (also provided).



Latch



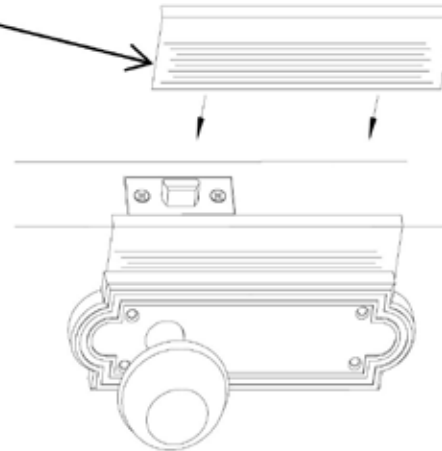
Mount Plates



After lock has been installed tighten set screw with allen wrench.

Drill pilot holes, install wood screws or thru bolts as required (both types are provided).

Edge Guide Provided



Align sideplates using edge guide.

Align Plates

Special Mounting Kits-Entry Set with Sideplate

Entryset x Sideplate Mounting Plate



- Used for mounting a tubular entryset with a sideplate on the inside.
- Plate goes on inside of door, under the sideplate.
- Screws pass through holes in plate and attach to exterior bell housing around thumb press.

Special Mounting Kits- Sideplate By Rosette

Sideplate x Rosette Mounting Plate



- Used for mounting locksets with a sideplate on the outside, rosette on the inside.
- Plate goes on outside of door, under sideplate.
- Screws pass through inside rosette and attach to threaded posts on plate.

Special Mounting Kits- Hollow Door

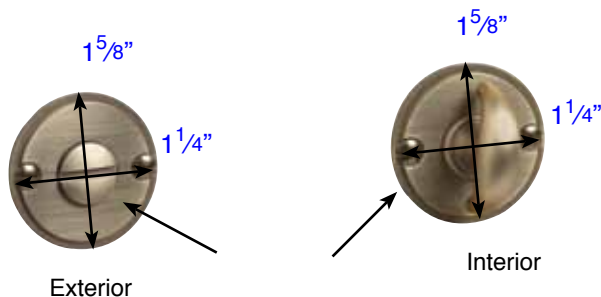
Hollow Door Kits for Sideplates



- Used for mounting sideplate sets on hollow, fiberglass, masonite or other doors that will not hold a wood screw.
- Sex bolt (threaded tube with short screw) passes through hole in first plate, another screw passes through hole in second plate and attaches to threaded tube.

THUMBTURN PRIVACY LOCKSET

Thumbturn Privacy Lockset Used with Emtek Brass Passage Lockset



- Standard Door Thickness: 1 1/2" - 2"
- Standard Components:
- Modified Tailpiece
- Privacy Deadbolt Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Long Modified Tailpiece
- Privacy Deadbolt Strike Plate

- **Extended** Door Thickness: 2 1/2" - 2 3/4"
- Extended Components:
- Extra Long Modified Tailpiece
- Privacy Deadbolt Strike Plate

Thumbturn Privacy with Decorative Plate Lock

Belmont (8224), Colonial (8022), Victoria (8225), Quincy (8226), Rope (7211), Oval Beaded (8227)

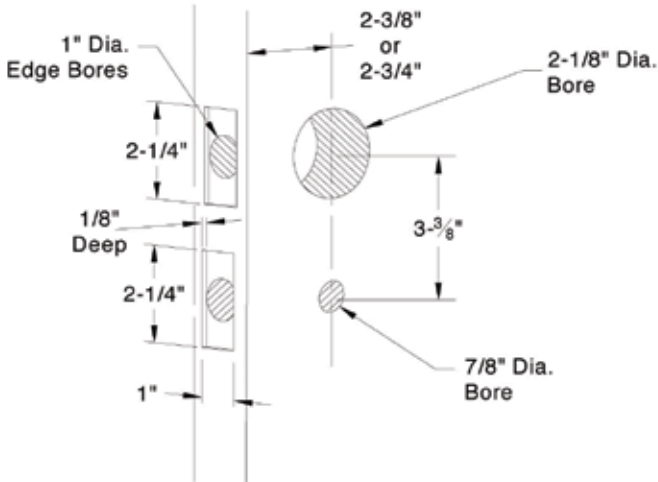
- Standard Door Thickness: 1 3/8" - 2"
- Standard Components:
- Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

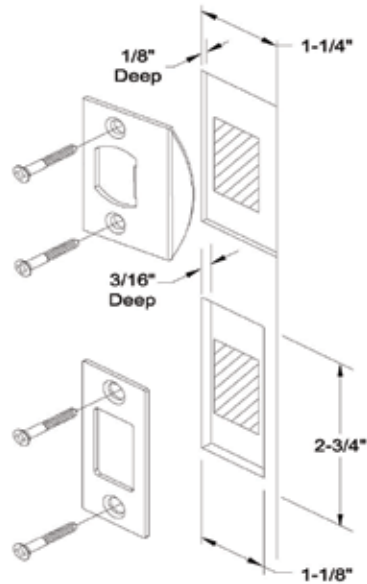
- **Extended** Door Thickness: 2 1/2" - 2 3/4"
- Extended Components:
- Extra Long Inside Passage Half Spindle
- 1" Wood Screws
- Threaded Tubes & Machine Screws
supplied upon request for Hollow-Core Doors
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

Installation Instructions-Thumb-turn Privacy Lockset

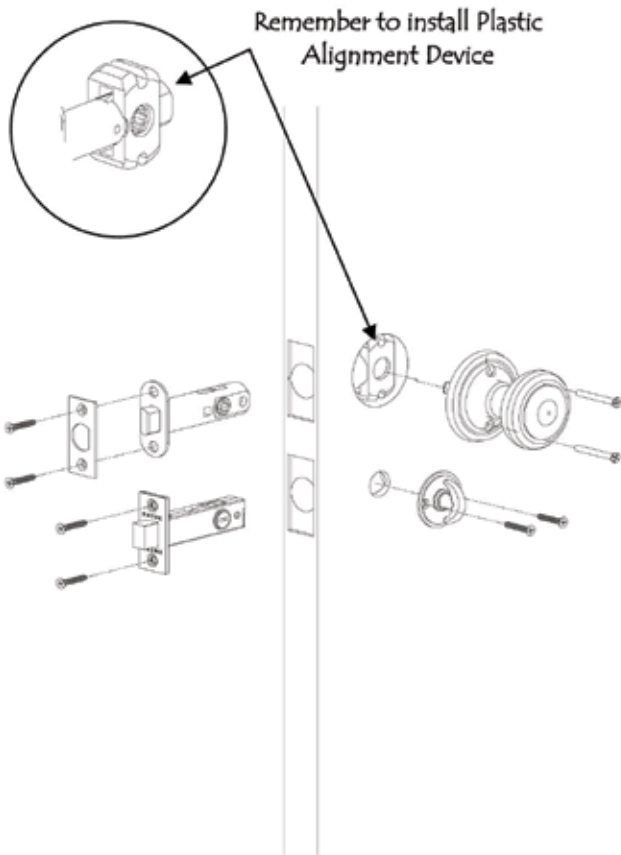
Door Prep



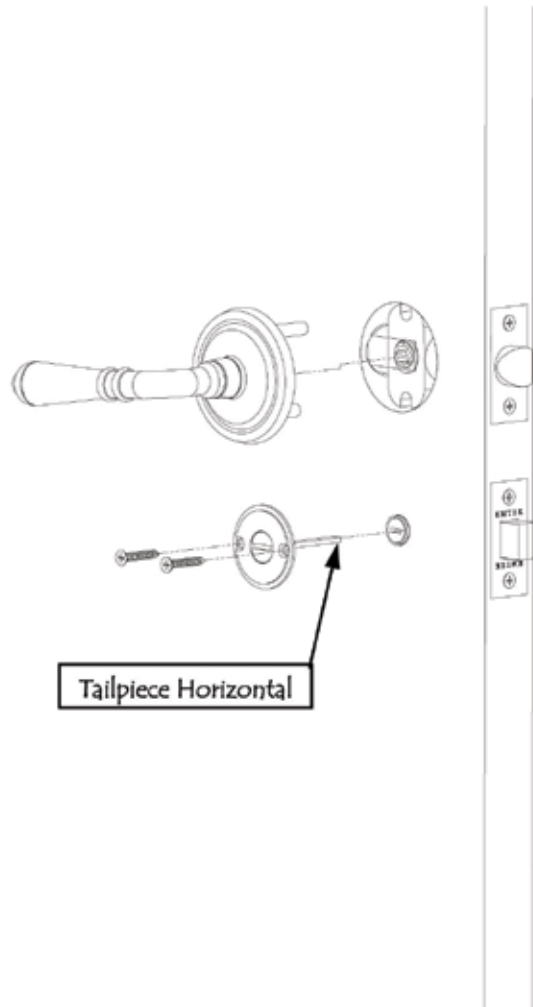
Door Jamb



Inside Trim

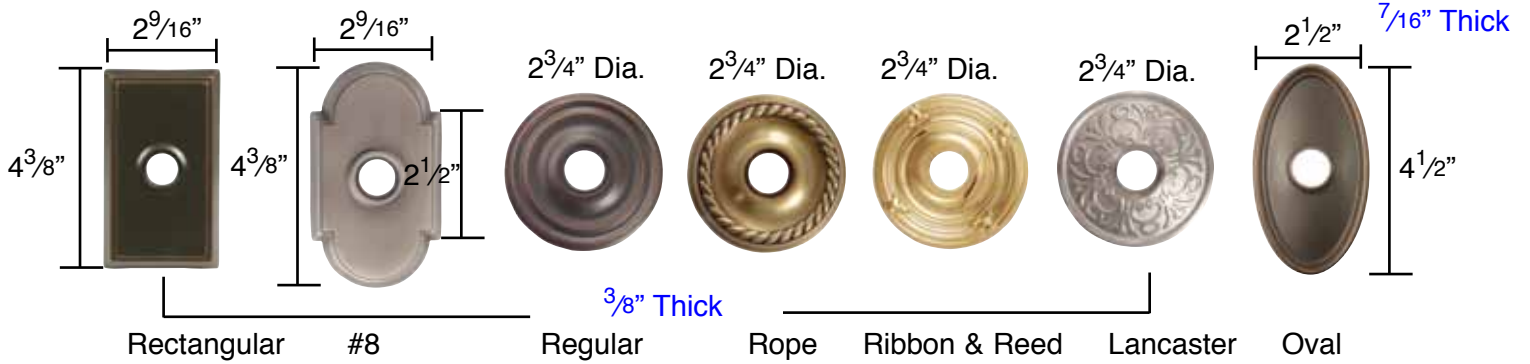


Outside Trim

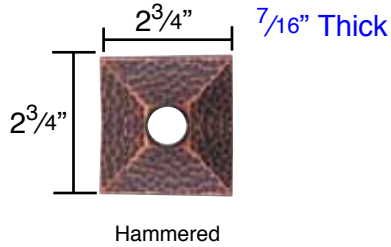
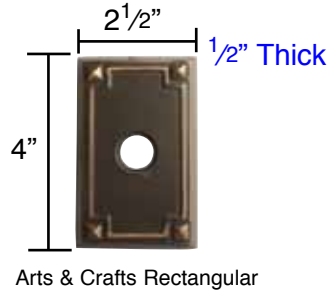


ROSETTE DIMENSIONS

Forged Brass



Arts & Crafts



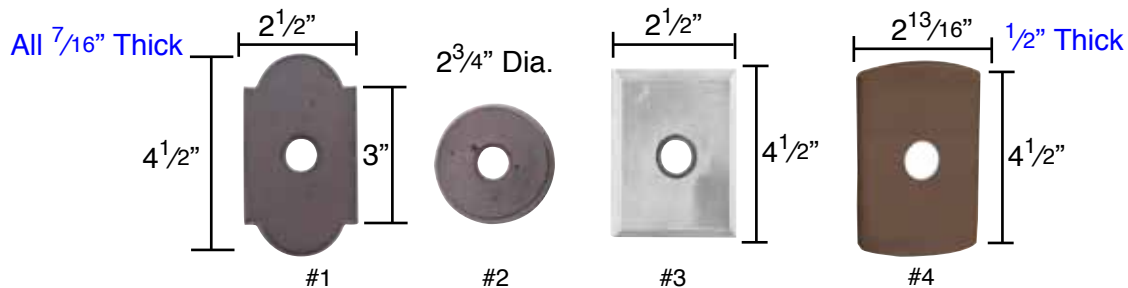
Porcelain



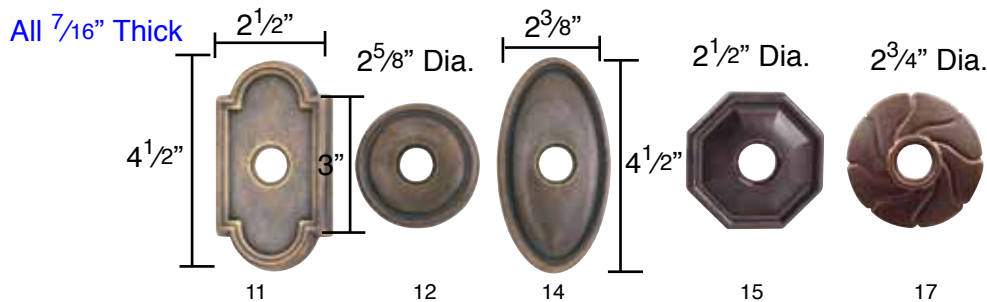
Modern



Sandcast Bronze



Lost Wax Cast Bronze



Wrought Steel

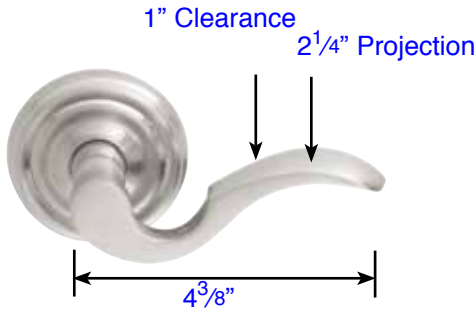
All $\frac{3}{8}"$ Thick



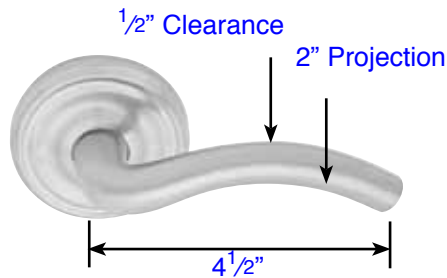
- Same dimensions for doorbell buttons
- Screw-to-Screw for rosette/doorbell buttons $1\frac{5}{8}"$

CLASSIC FORGED BRASS LEVERSETS

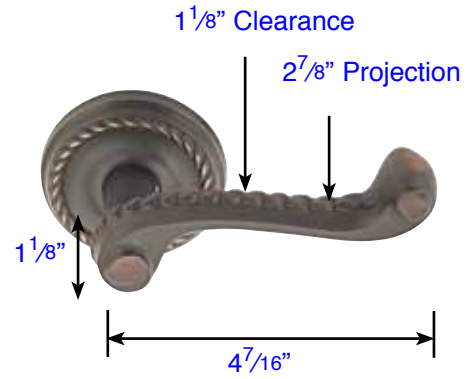
Complete set includes Latch and Strike Plate



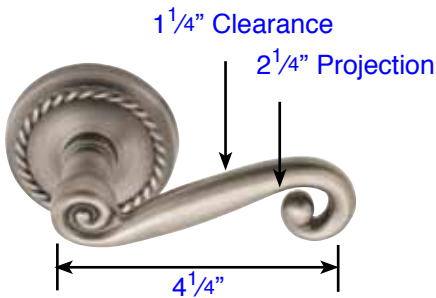
Cortina (C)



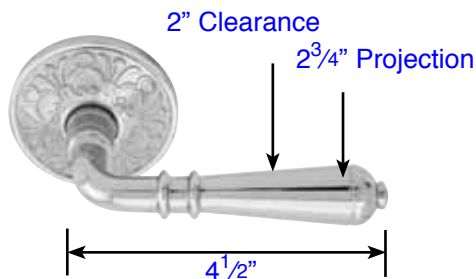
Aireon (A)



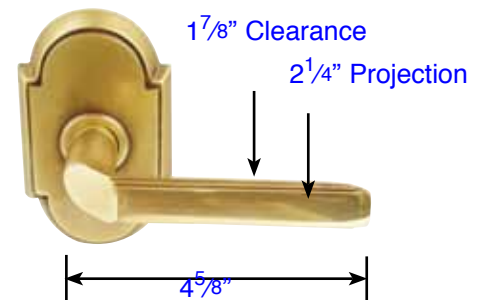
Rope (RL)



Rustic (R)



Turino (T)



Milano (M)

Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)

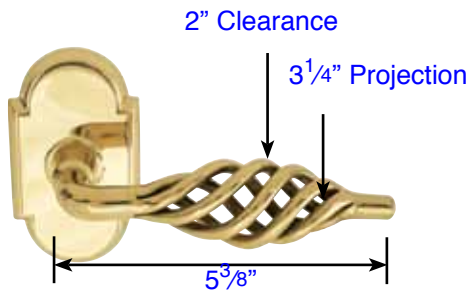
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

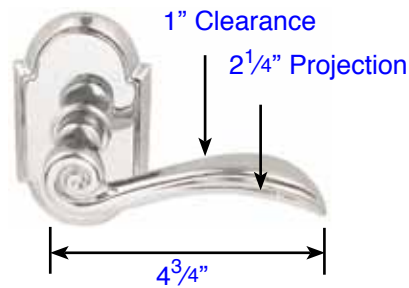
- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

DESIGNER FORGED BRASS LEVERSETS

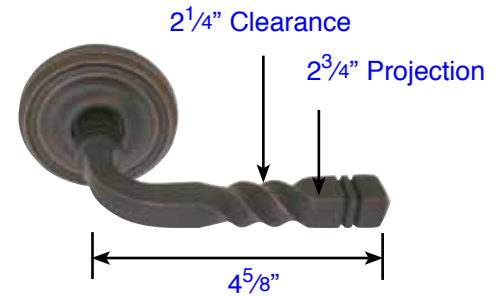
Complete set includes Latch and Strike Plate



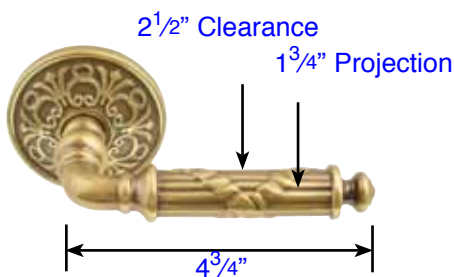
Lafayette (LB)



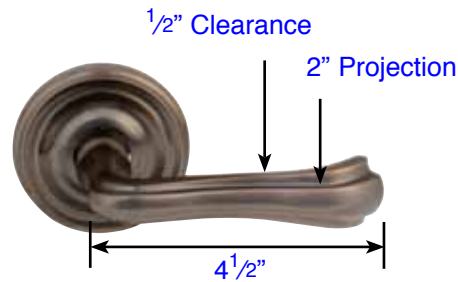
Elan (EN)



Santa Fe (SF)



Ribbon & Reed (RBL)



Wembley (WM)

Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)

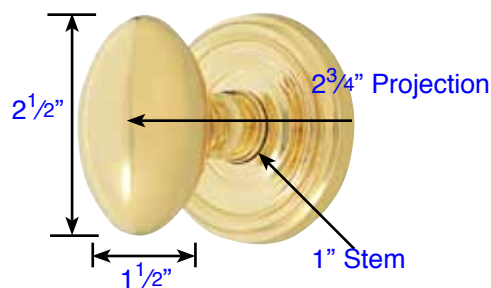
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

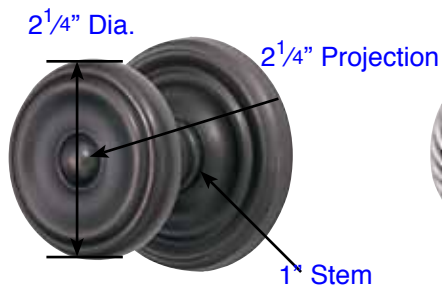
- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

CLASSIC FORGED BRASS KNOBSETS

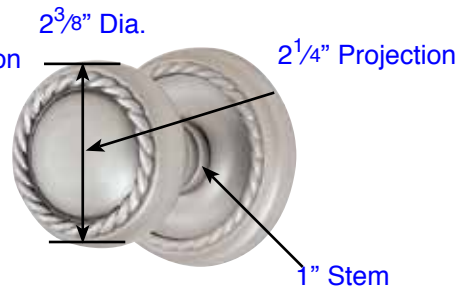
Complete set includes Latch and Strike Plate



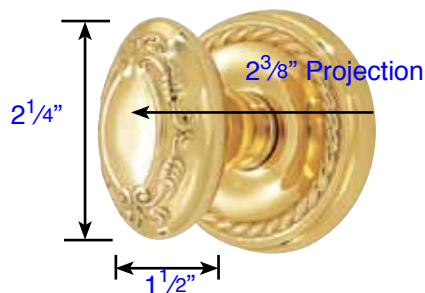
Egg (E)



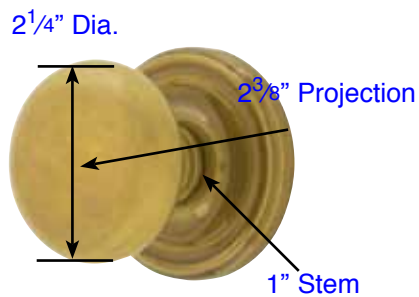
Waverly (W)



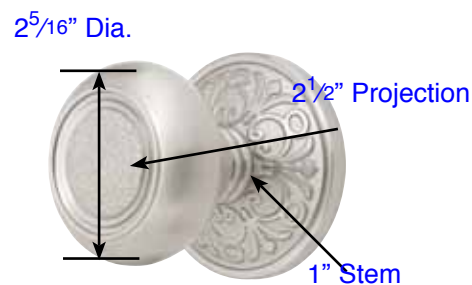
Rope (RK)



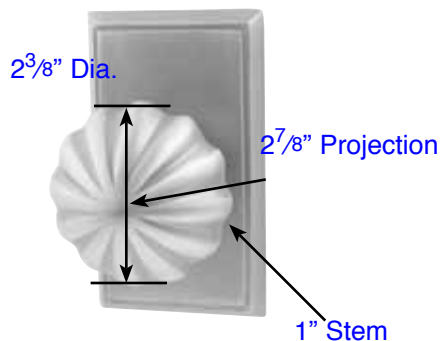
Victoria (V)



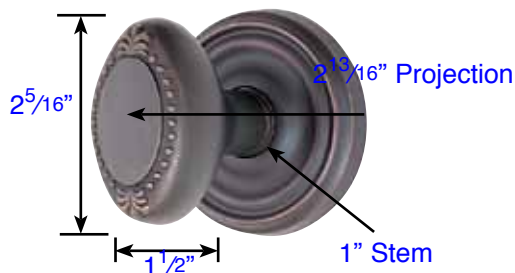
Providence (P)



Belmont (BT)



Melon (MN)



Beaded Egg (BE)

Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)

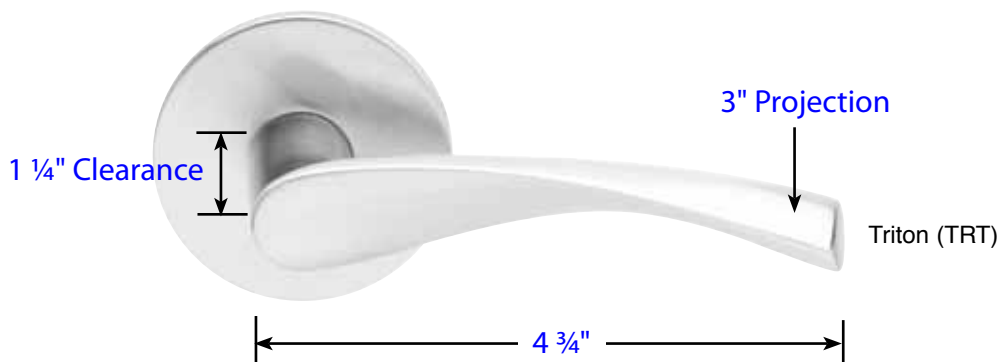
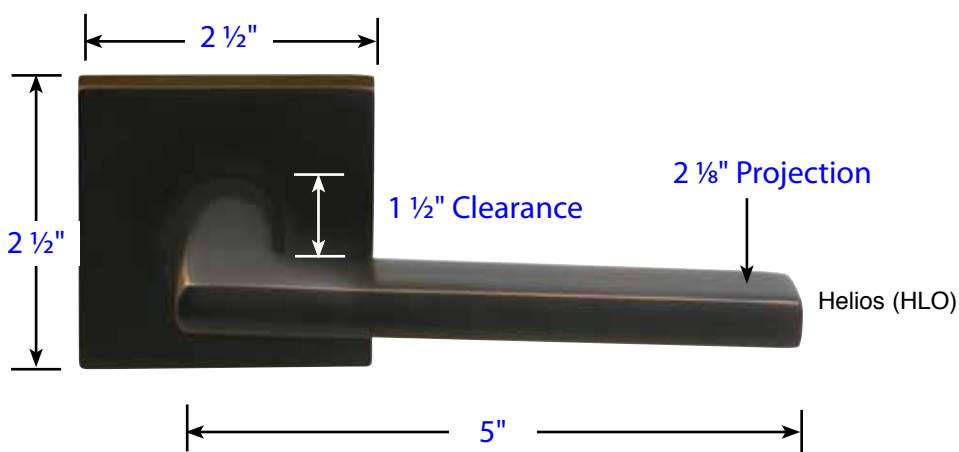
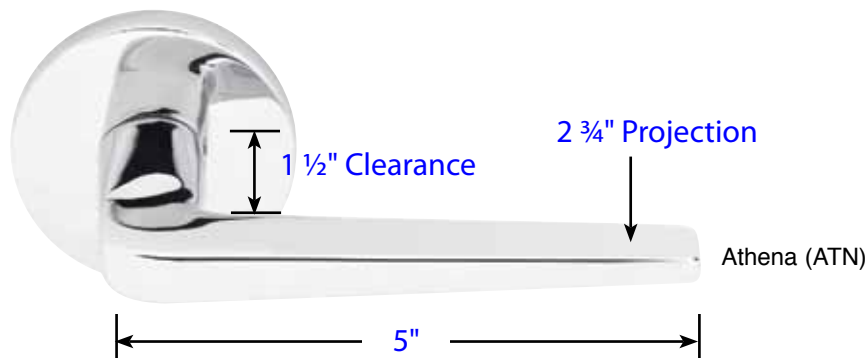
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

MODERN COLLECTION - LEVERSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)

- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

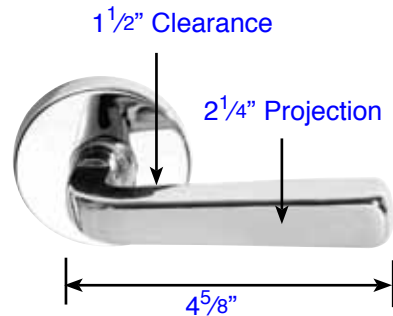
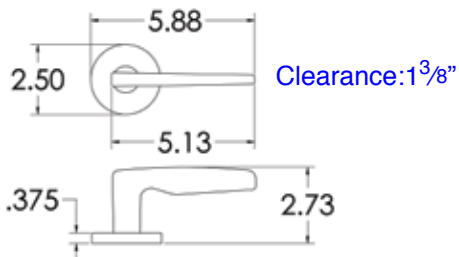
- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

MODERN COLLECTION - LEVERSETS

Complete set includes Latch and Strike Plate



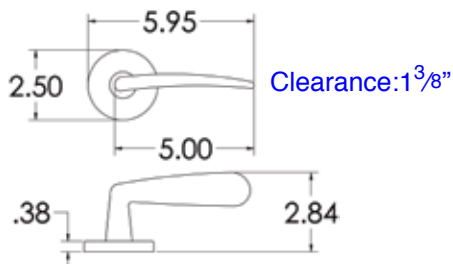
Hermes (HER)



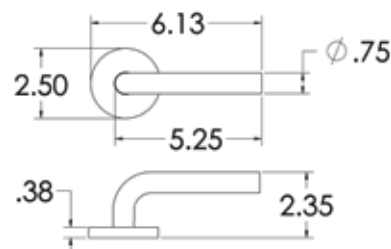
Sion (SIO)



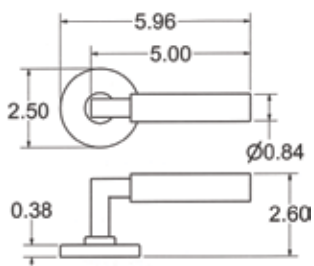
Poseidon (POS)



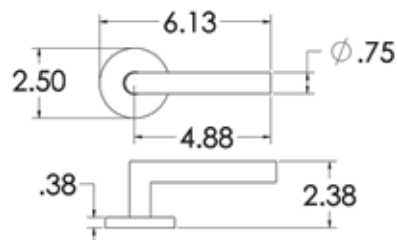
Kiel (KIE)



Hercules (HEC)



Stuttgart (STU)



Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)

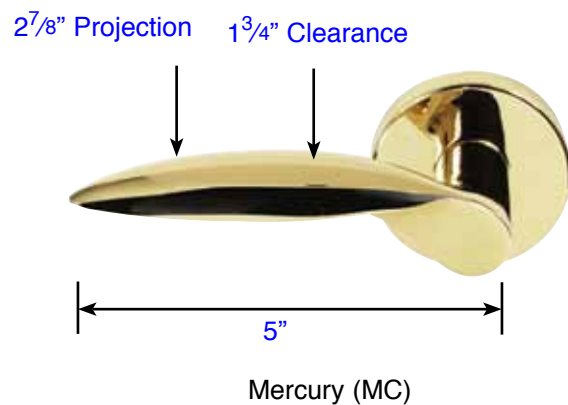
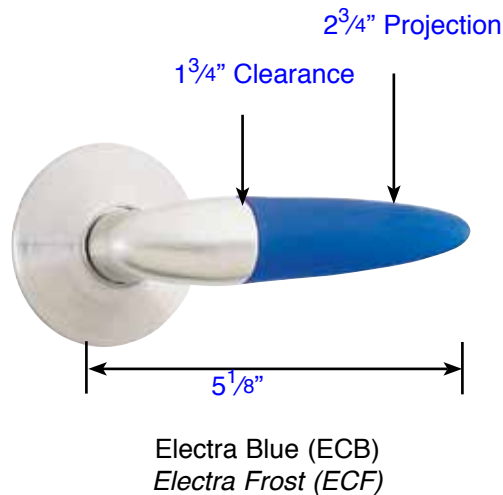
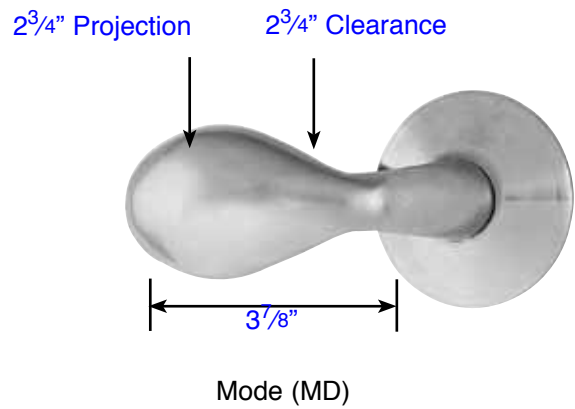
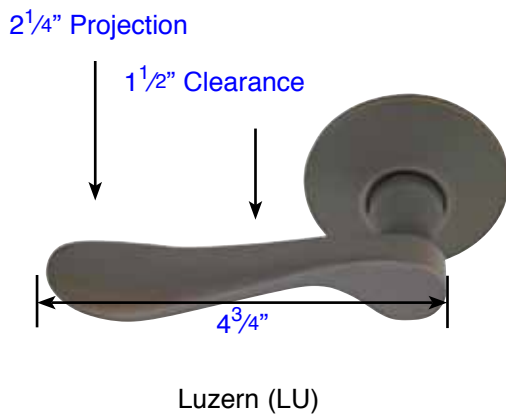
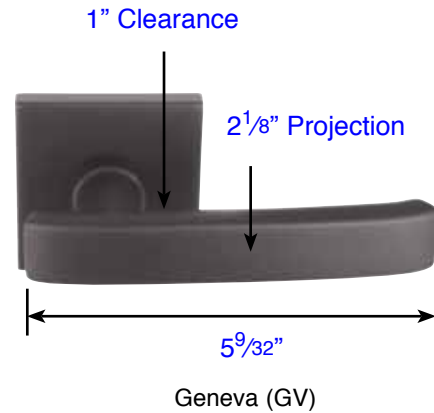
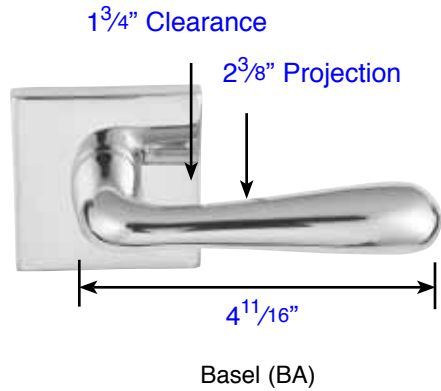
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

MODERN COLLECTION - LEVERSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

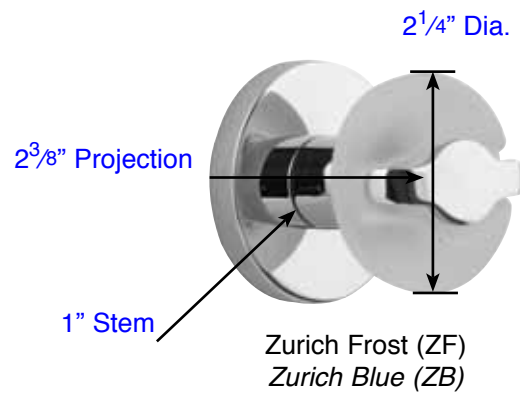
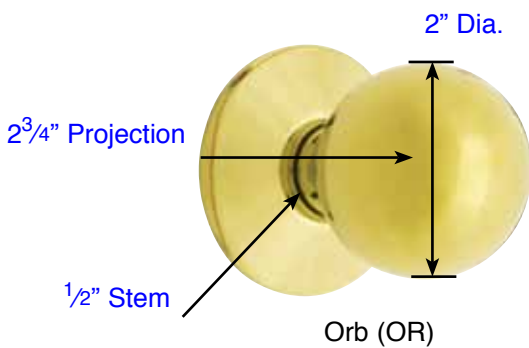
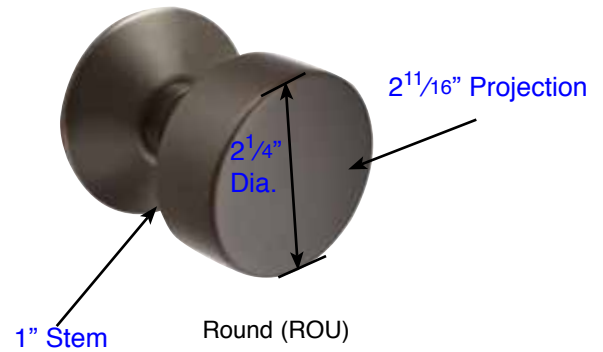
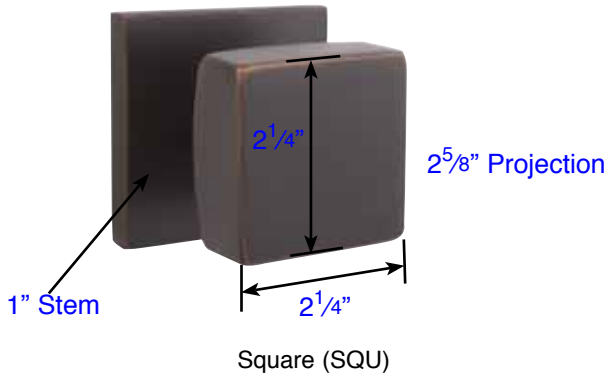
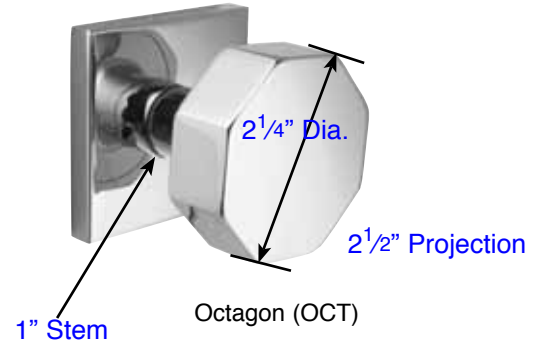
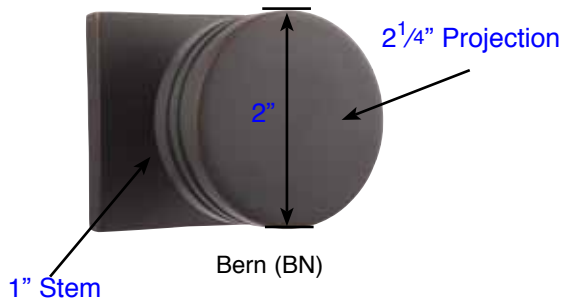
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

MODERN COLLECTION - KNOBSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

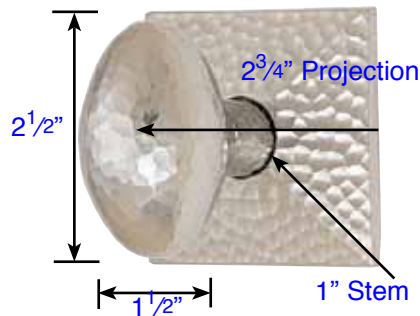
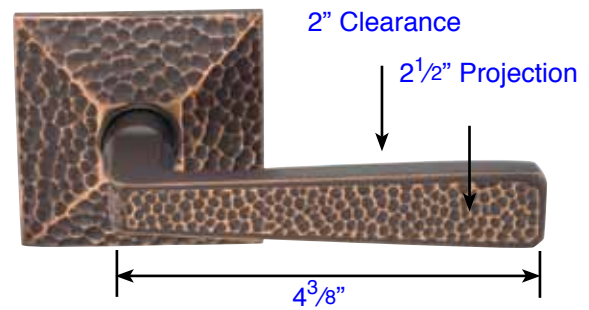
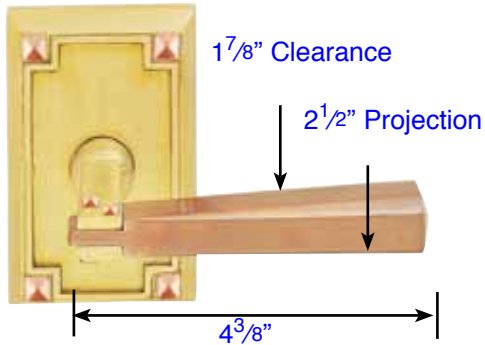
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

ARTS & CRAFTS KNOB AND LEVERSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)

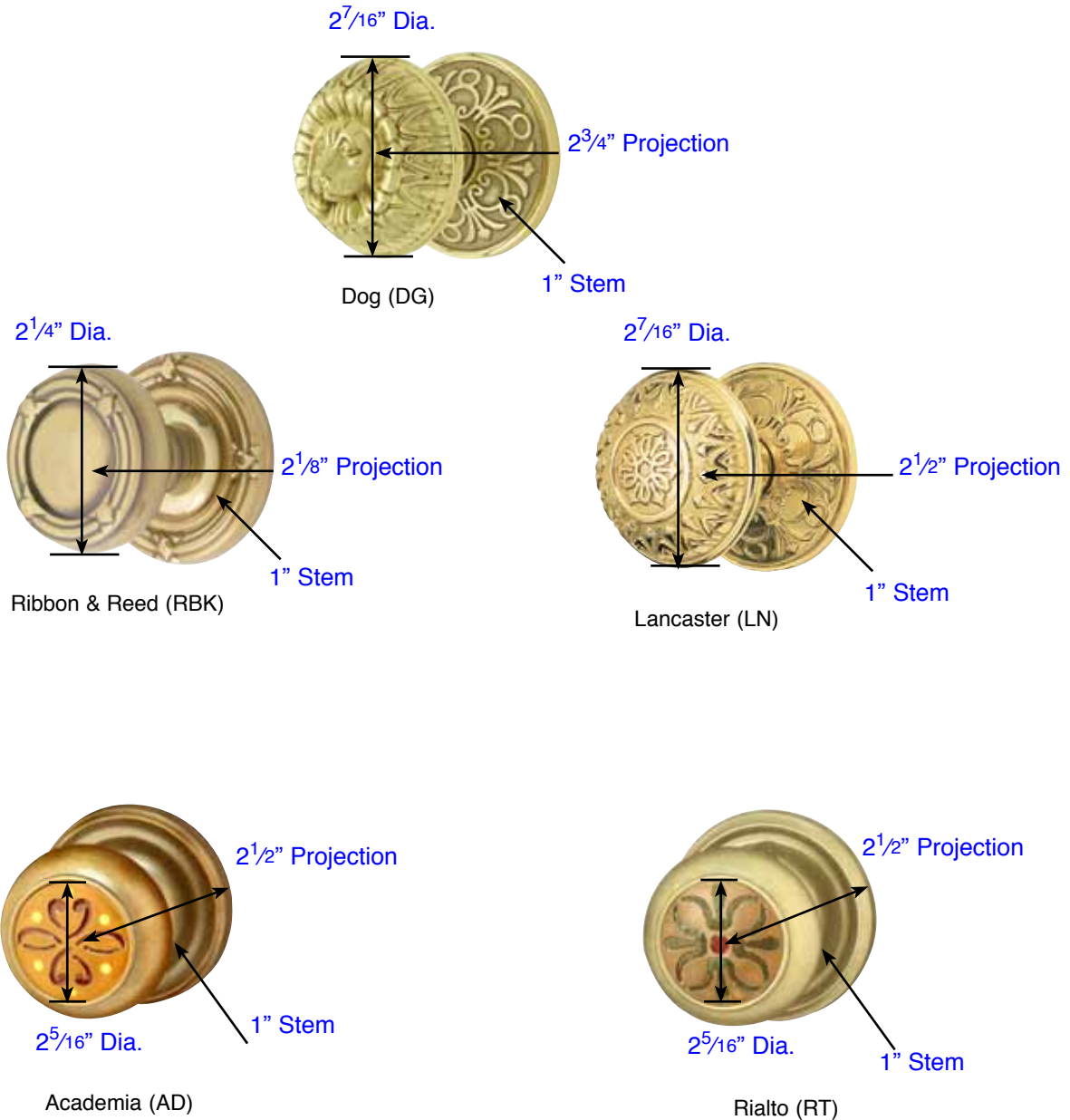
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

DESIGNER BRASS KNOBSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

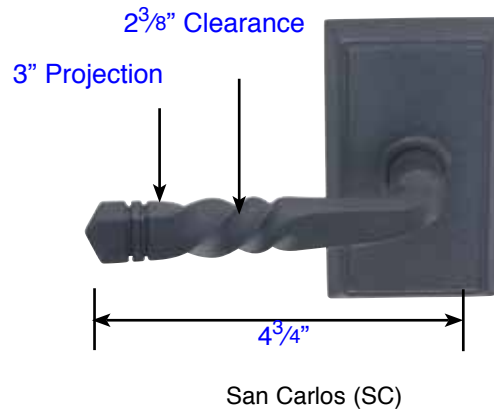
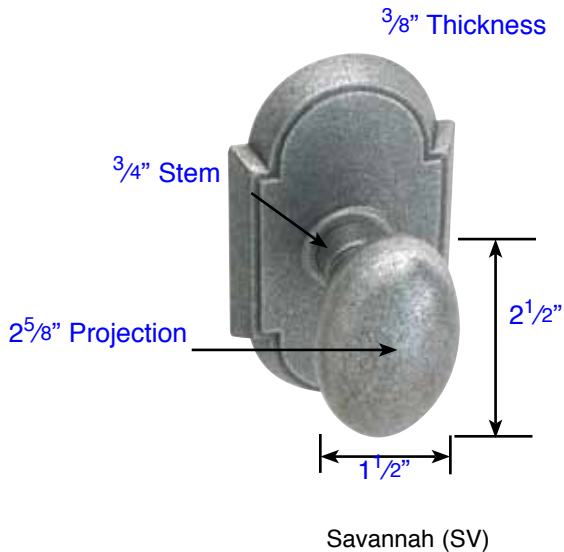
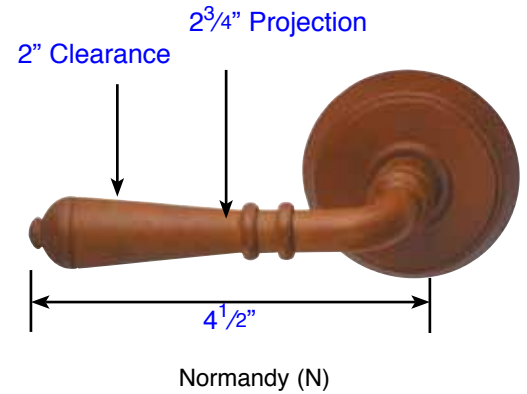
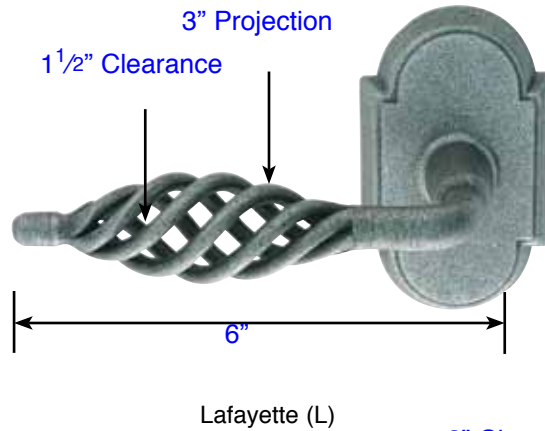
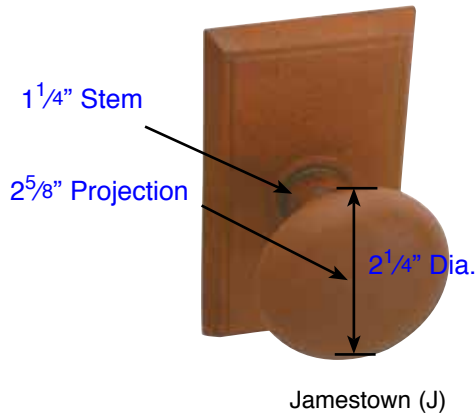
- Standard Door Thickness: $1\frac{1}{4}$ " - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- $1\frac{1}{2}$ " Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: $2\frac{1}{2}$ " - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- $2\frac{1}{2}$ " Rosette Screws
- Extended Full-Lip Strike Plate

WROUGHT STEEL KNOBS AND LEVERSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

Wrought Steel Passage & Privacy Sets (Knobs & Levers)
(includes porcelain knobs using steel rosettes)

- Standard Door Thickness: 1 3/8" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

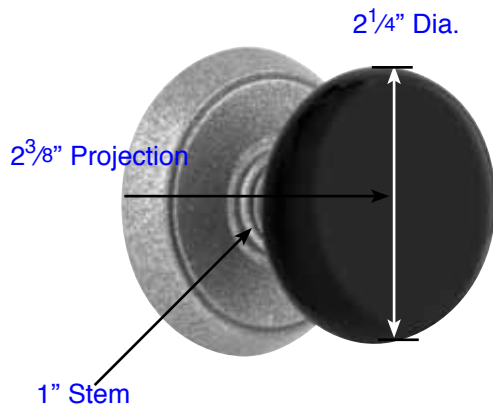
- **Extended** Door Thickness: 2" - 2 1/4"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/4" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

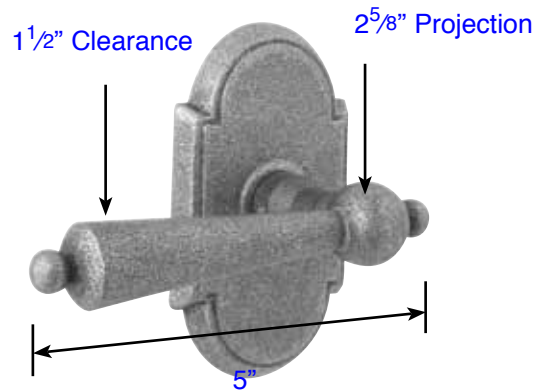
HARRISBURG LEVERSETS AND MADISON KNOBSETS

Wrought Steel Levers and Porcelain Knobs with Wrought Steel Rosettes

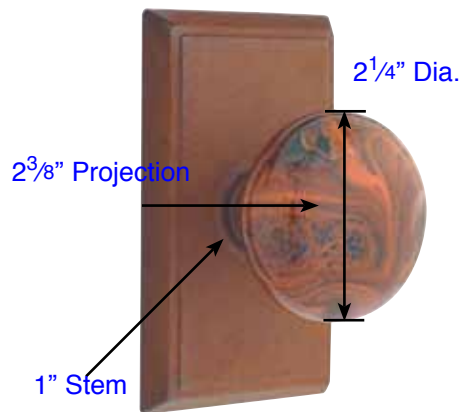
Complete set includes Latch and Strike Plate



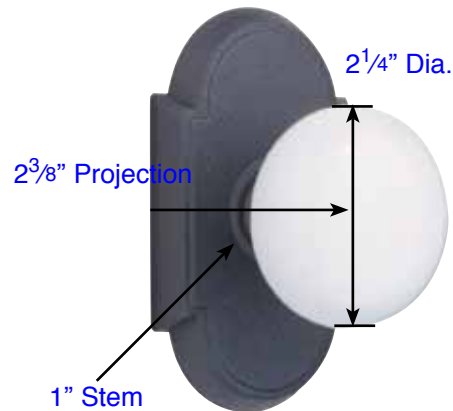
Black Madison (MB)



Harrisburg (HL)



Brown Swirl Madison (MS)



Ivory Madison (IM)

Door Thickness Specifications

Wrought Steel Passage & Privacy Sets (Knobs & Levers)

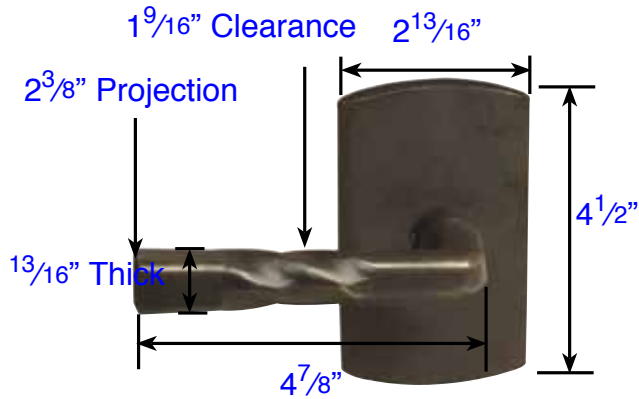
- Standard Door Thickness: 1 ³/₈" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 ¹/₂" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 ¹/₄"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

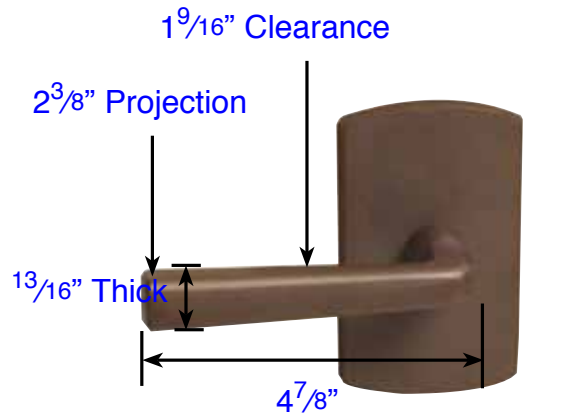
- **Extended** Door Thickness: 2 ¹/₄" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 ¹/₂" Rosette Screws
- Extended Full-Lip Strike Plate

SANDCAST BRONZE KNOB AND LEVERSETS

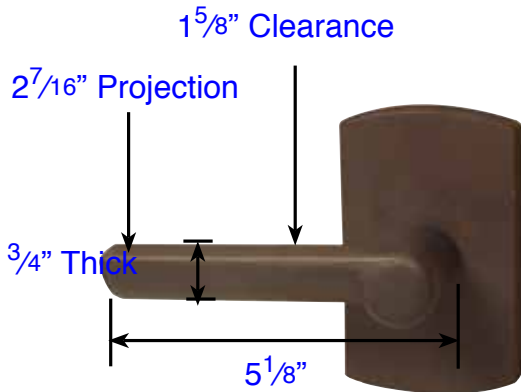
Complete set includes Latch and Strike Plate



Montrose (MT)
Rosette Thickness: $\frac{1}{2}$ "



Cimarron (CR)
Rosette Thickness: $\frac{1}{2}$ "



Aurora (AR)
Rosette Thickness: $\frac{1}{2}$ "

Door Thickness Specifications

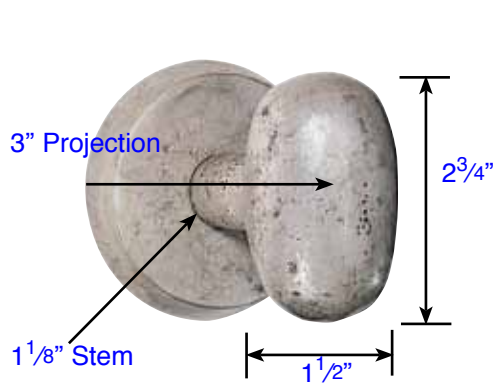
- Standard Door Thickness: $1\frac{3}{8}$ " - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- $1\frac{1}{2}$ " Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - $2\frac{1}{2}$ "
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

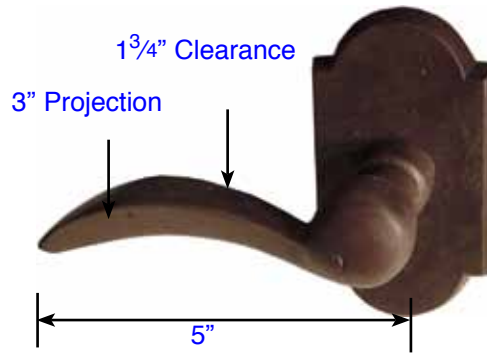
- **Extended** Door Thickness: $2\frac{1}{2}$ " - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- $2\frac{1}{2}$ " Rosette Screws
- Extended Full-Lip Strike Plate

SANDCAST BRONZE KNOB AND LEVERSETS

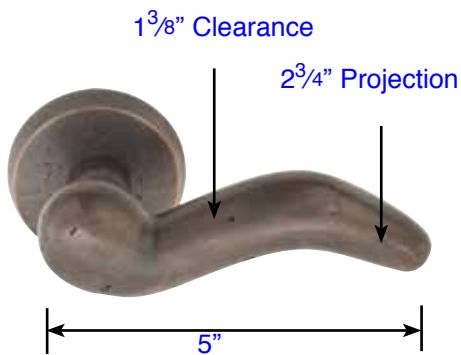
Complete set includes Latch and Strike Plate



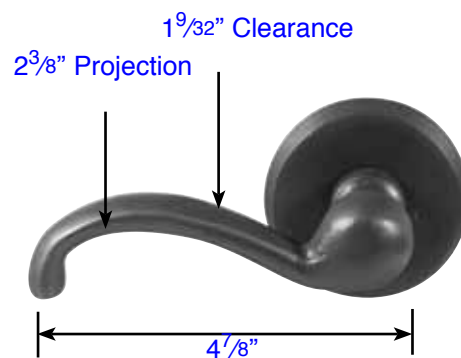
Bronze Egg (BZE)



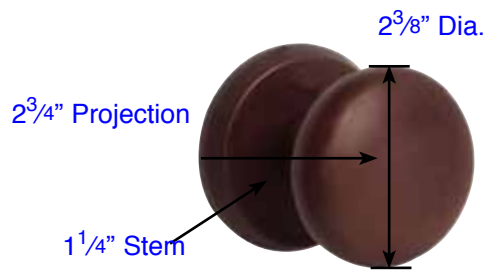
Durango (D)



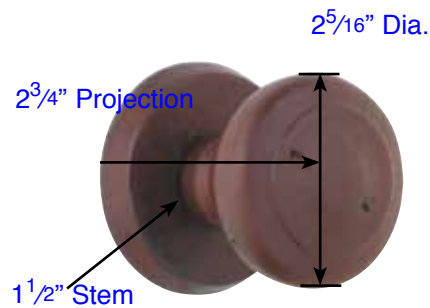
Cody (CD)



Teton (TT)



Winchester (WC)



Butte (BU)

Door Thickness Specifications

Cast Bronze Passage & Privacy Sets (Knobs & Levers)

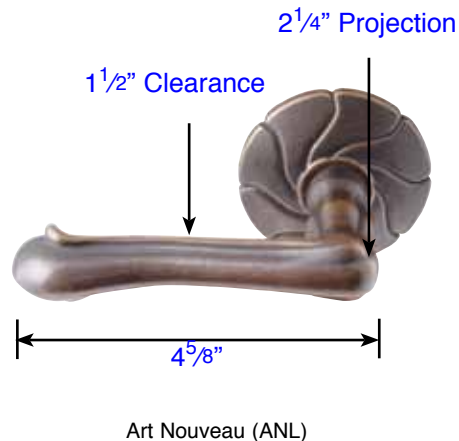
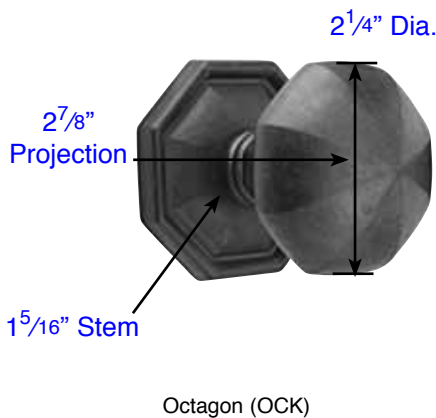
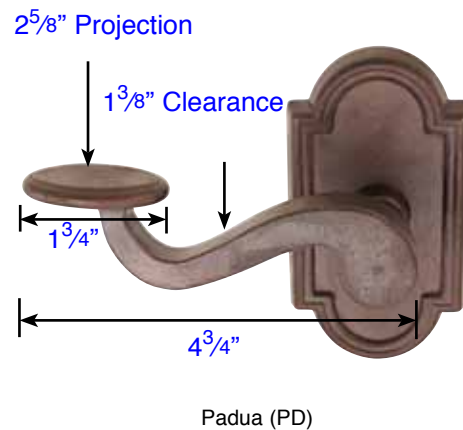
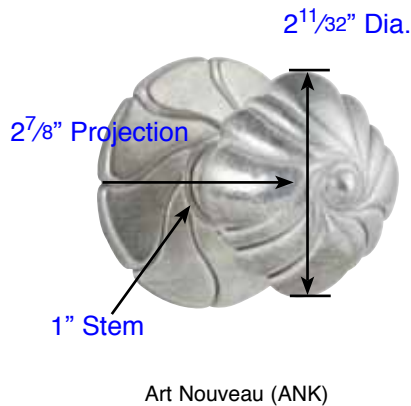
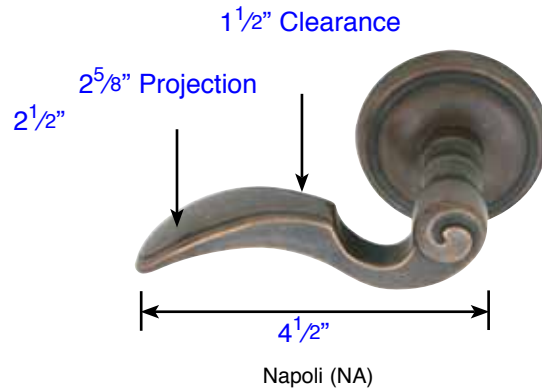
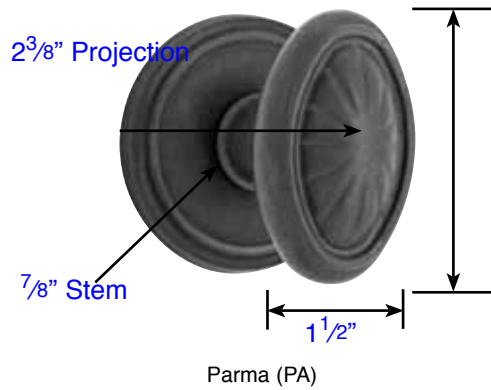
- Standard Door Thickness: 1 ³/₈" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 ¹/₂" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 ¹/₂"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 ¹/₂" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 ¹/₂" Rosette Screws
- Extended Full-Lip Strike Plate

LOST WAX CAST BRONZE KNOB AND LEVERSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

Cast Bronze Passage & Privacy Sets (Knobs & Levers)

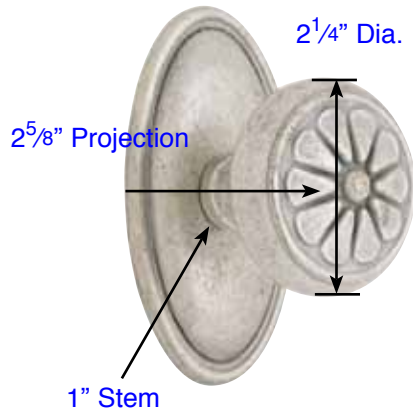
- Standard Door Thickness: 1 ³/₈" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 ¹/₂" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 ¹/₂"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

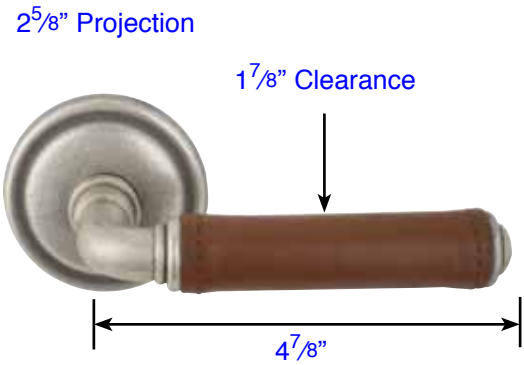
- **Extended** Door Thickness: 2 ¹/₂" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 ¹/₂" Rosette Screws
- Extended Full-Lip Strike Plate

LOST WAX CAST BRONZE KNOB AND LEVERSETS

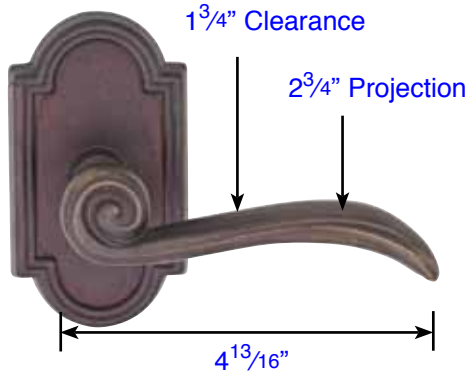
Complete set includes Latch and Strike Plate



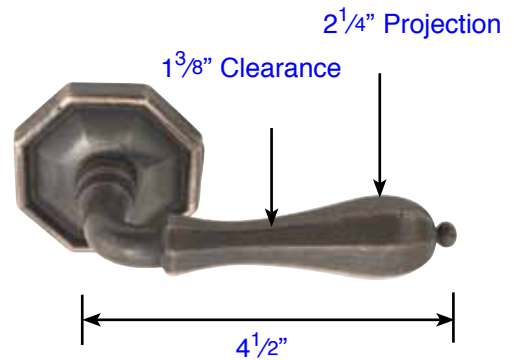
Petal (PT)



Dakota (DK)



Medici (MDI)



Octagon (OCL)

Door Thickness Specifications

Cast Bronze Passage & Privacy Sets (Knobs & Levers)

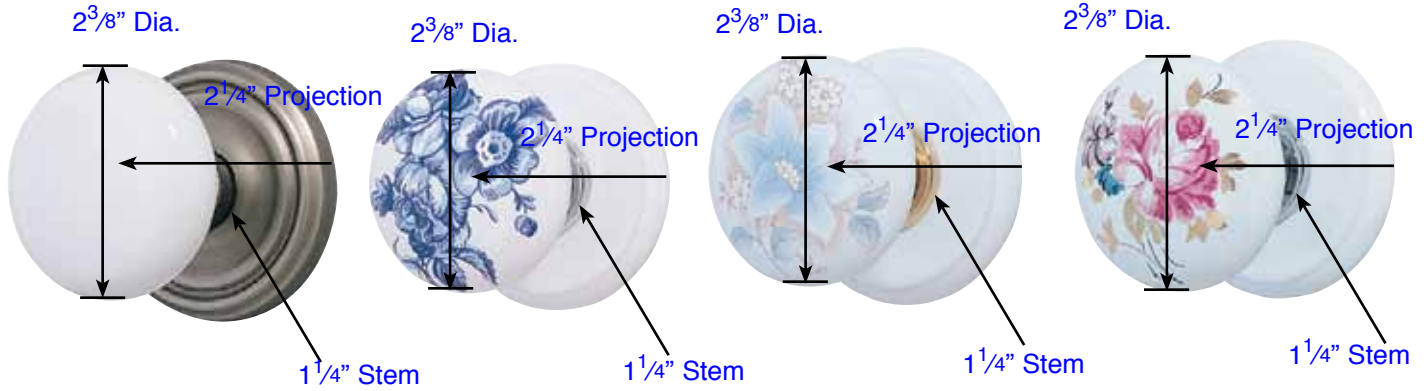
- Standard Door Thickness: 1 3/8" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1 1/2" Rosette Screws
- Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2 1/2" Rosette Screws
- Extended Full-Lip Strike Plate

PORCELAIN KNOBSETS WITH BRASS AND PORCELAIN ROSETTES

Complete set includes Latch and Strike Plate

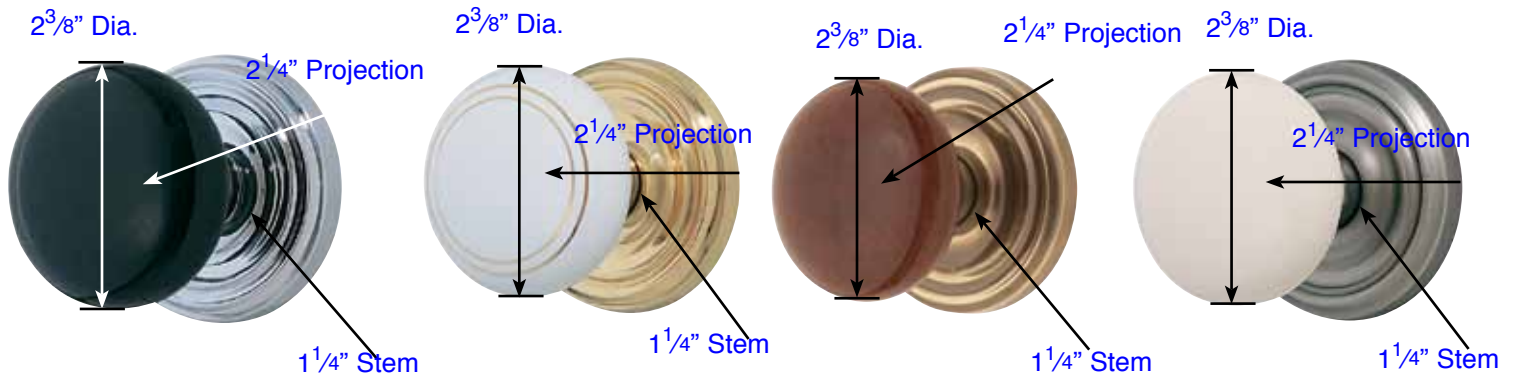


Ice White (IW)

Bedford (BD)

Courtney (CTY)

Devonshire (DV)



Ebony (EB)

Olde Gold (OG)

Stoneware (ST)

Almond (AL)

Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)

(includes crystal & porcelain knobs using brass rosettes)

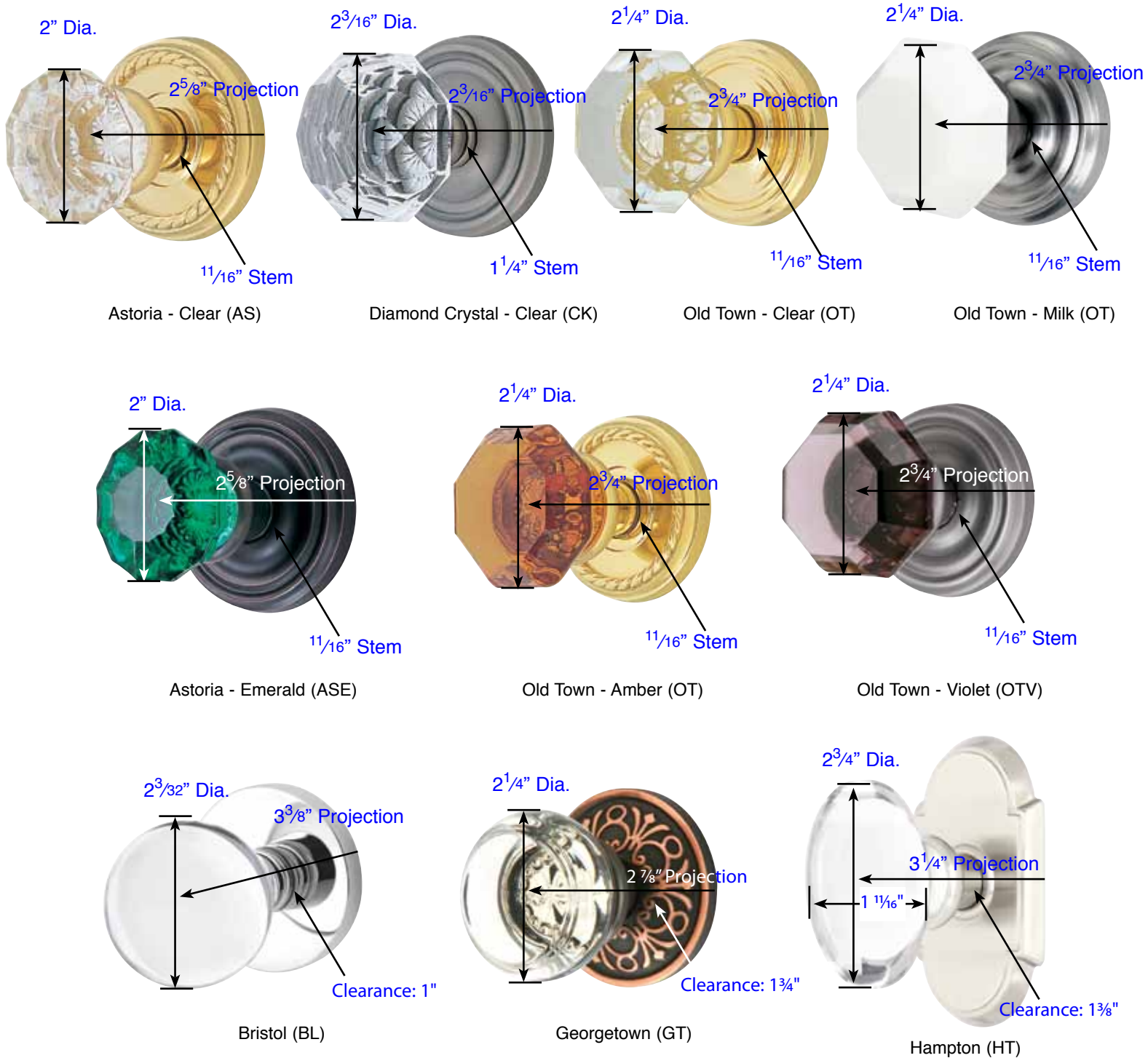
- Standard Door Thickness: 1 1/4" - 2"
- Standard Components:
 - Privacy Pin (for privacy sets)
 - Inside Passage Half Spindle
 - 1 1/2" Rosette Screws
 - Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
 - Privacy Pin w/ Extension (for privacy sets)
 - Long Inside Passage Half Spindle
 - 2" Rosette Screws
 - Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 3"
- Extended Components:
 - Privacy Pin w/ Extension (for privacy sets)
 - Extra Long Inside Passage Half Spindle
 - 2 1/2" Rosette Screws
 - Extended Full-Lip Strike Plate

CRYSTAL KNOBSETS

Complete set includes Latch and Strike Plate



Door Thickness Specifications

Brass Passage & Privacy Sets (Knobs & Levers)
(includes crystal & porcelain knobs using brass rosettes)

- Standard Door Thickness: 1¹/₄" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1¹/₂" Rosette Screws
- Full-Lip Strike Plate

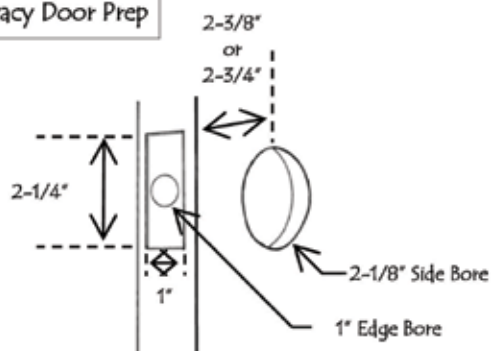
- **Extended** Door Thickness: 2" - 2¹/₂"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Rosette Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2¹/₂" - 3"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Extra Long Inside Passage Half Spindle
- 2¹/₂" Rosette Screws
- Extended Full-Lip Strike Plate

Installation Instructions – Privacy or Passage – Knob

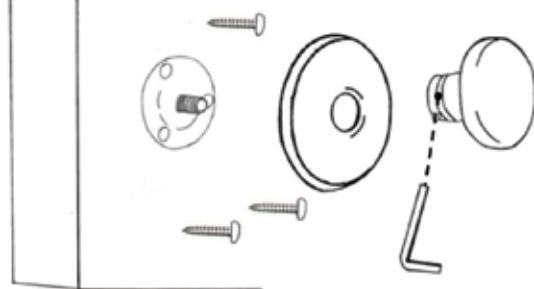
Passage/Privacy Door Prep

1



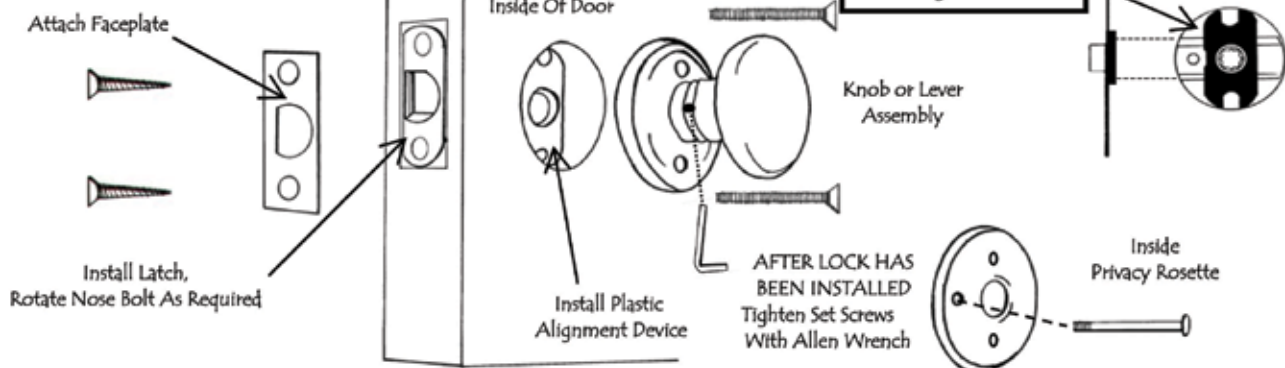
Dummy Set

Surface Mounted, No Bore Hole



Passage or Privacy Set

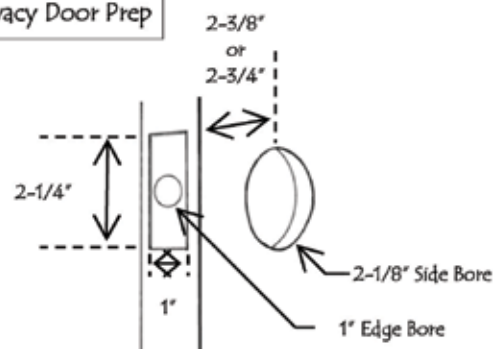
2



Installation Instructions – Privacy or Passage – Knob

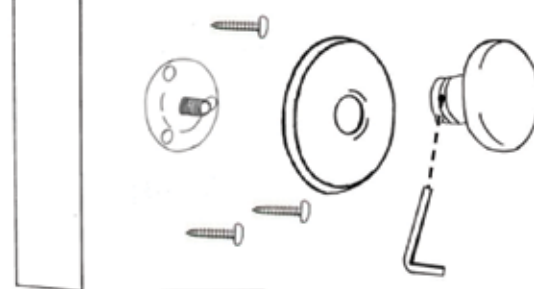
Passage/Privacy Door Prep

1



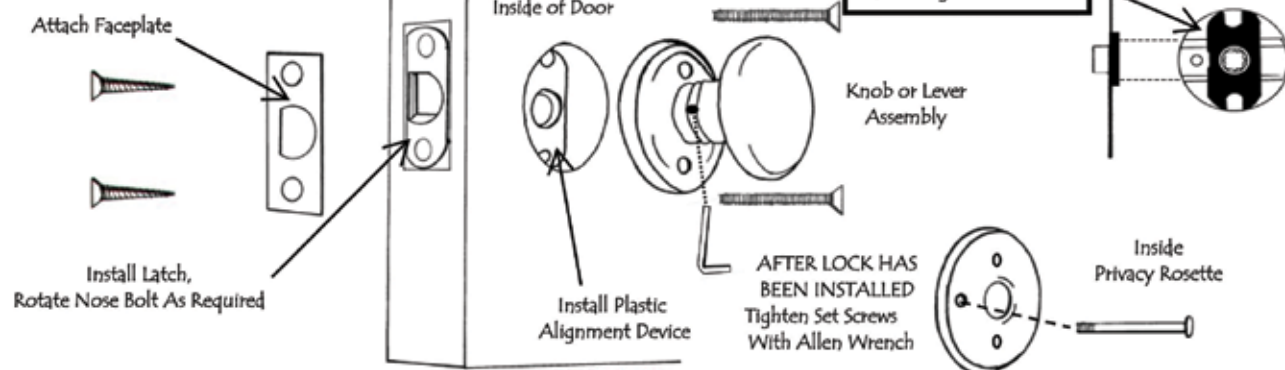
Dummy Set

Surface Mounted, No Bore Hole



Passage or Privacy Set

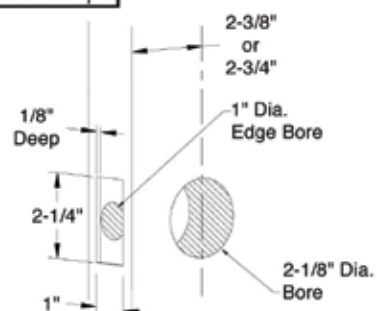
2



Installation Instructions-Privacy or Passage - Lever

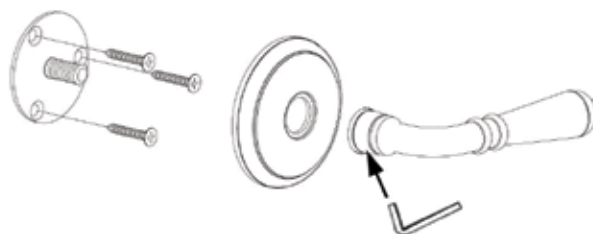
Passage/Private Door Prep.

1



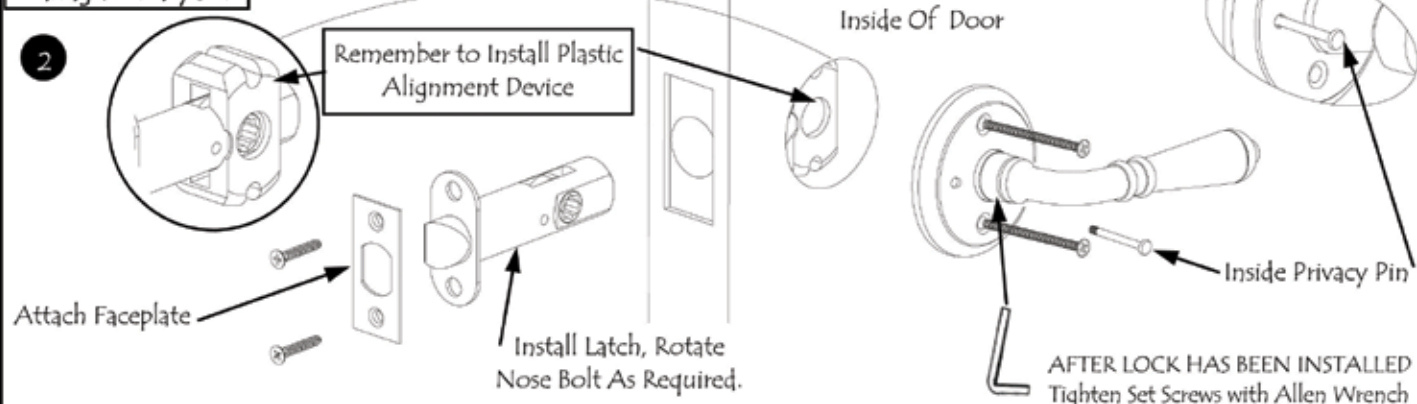
Dummy Set

Surface Mounted, No bore Hole



Passage/Privacy Set

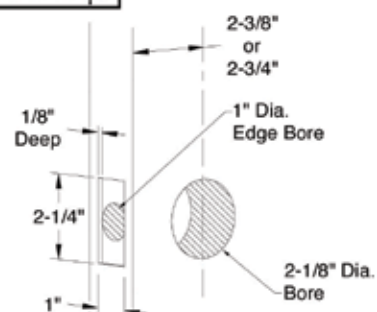
2



Installation Instructions-Privacy or Passage - Lever

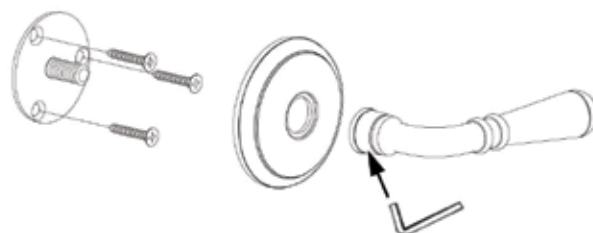
Passage/Private Door Prep.

1



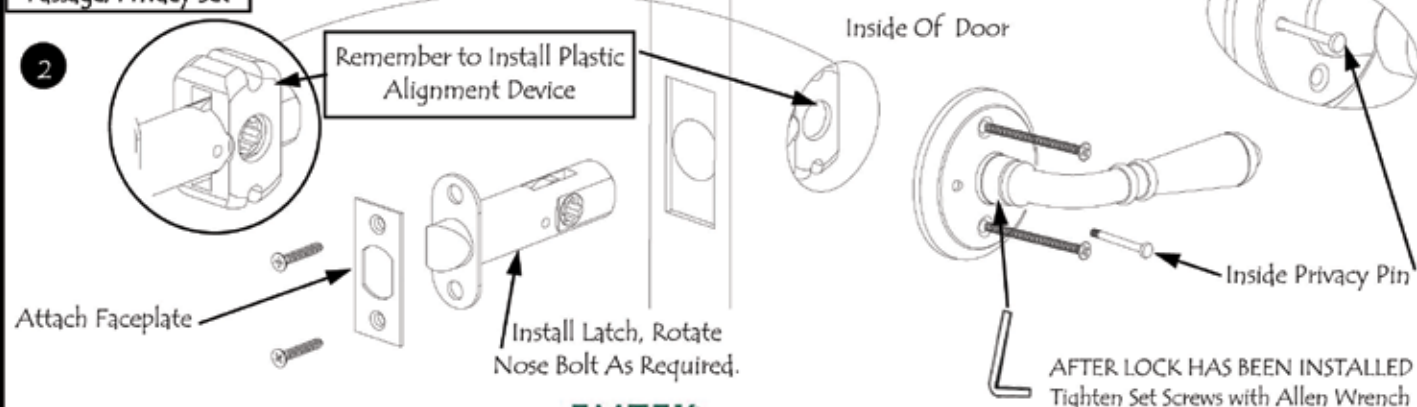
Dummy Set

Surface Mounted, No bore Hole

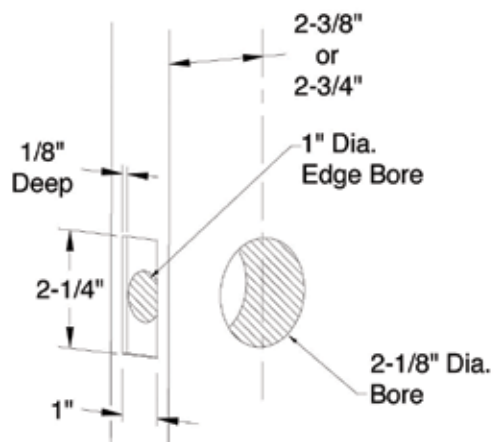


Passage/Privacy Set

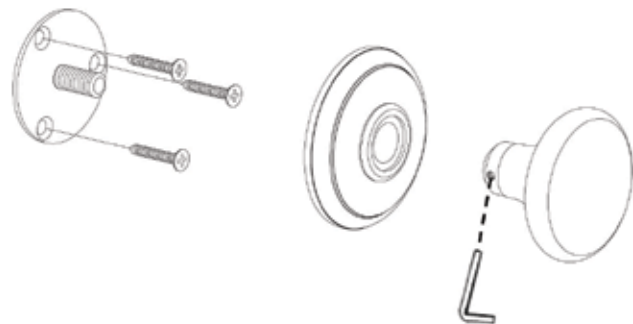
2



Passage/Private Door Prep.

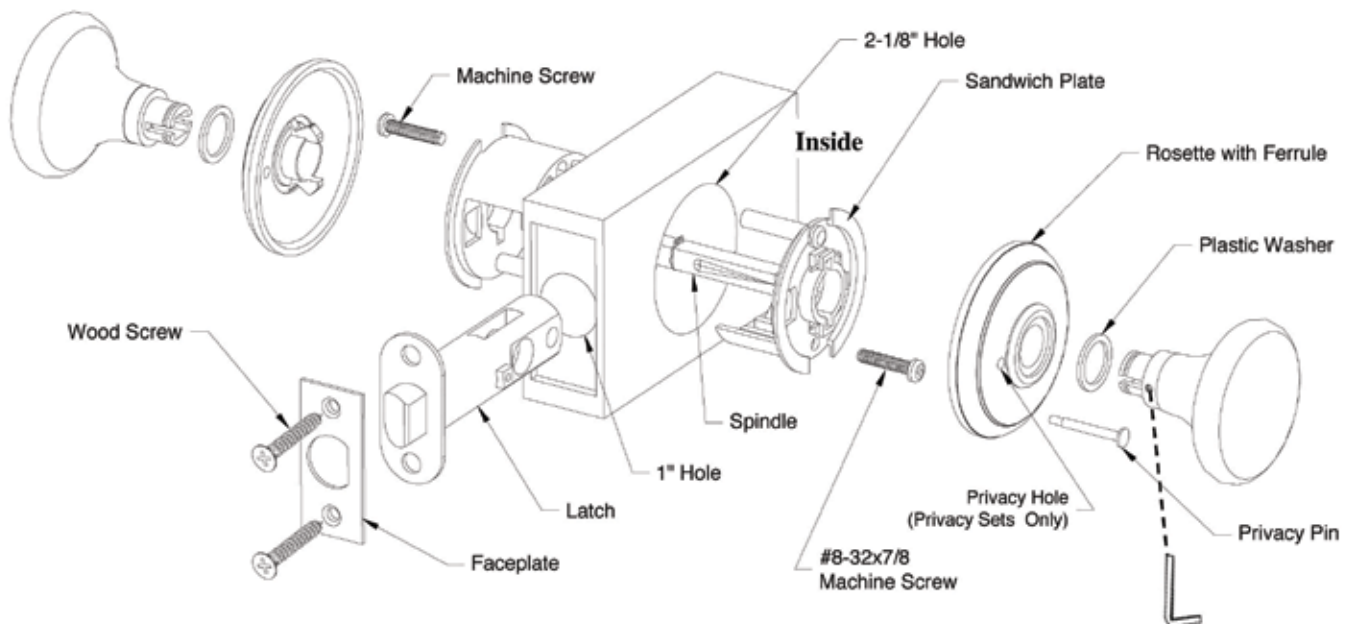


Dummy Set



Push knob onto stud. Secure with set screw.

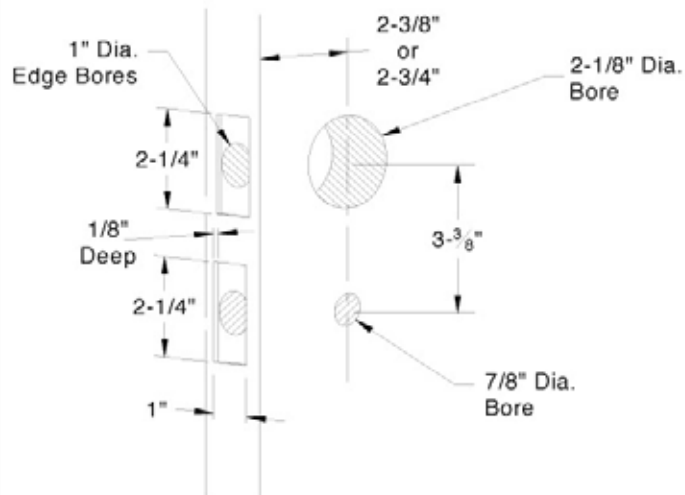
Passage/Private Installations



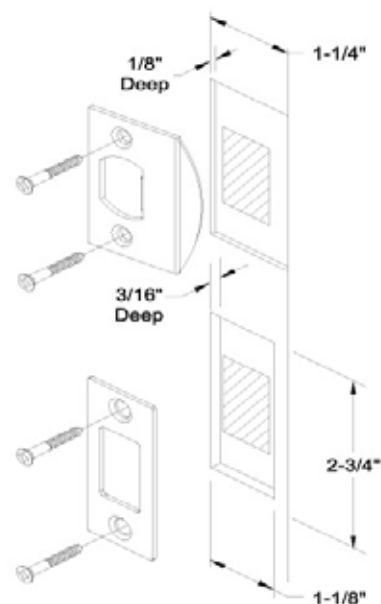
- 1) Install latch and faceplate into 1" diameter door edge hole securing it with wood screws.
- 2) Mate the two sandwich plates from opposite sides of the door into the 2-1/8" hole, fitting them over the latch. Secure each side with machine screws.
- 3) Install rosettes onto the door by pressing the ferrule straight into the sandwich plate until they snap into place. Privacy rosettes must have the holes towards the door edge.
- 4) Insert the square spindle into latch, assuring that groove on spindle aligns with set screw in knob. Spindle must be centered in door. Privacy sets: push spindle until it hits the stop. Spindle must be centered in the latch (reference center split on spindle).
- 5) Insert each knob with a plastic washer into the ferrule, positioning the knob so that the set screw will engage the groove in the spindle. On a privacy set, particular care should be taken to install the knob on the same side as the stop on the spindle first, and tighten the set screws to assure the split in the spindle stays centered in the latch. Tighten all set screws after installation.

Installation Instructions-Thumb-turn Privacy Lockset

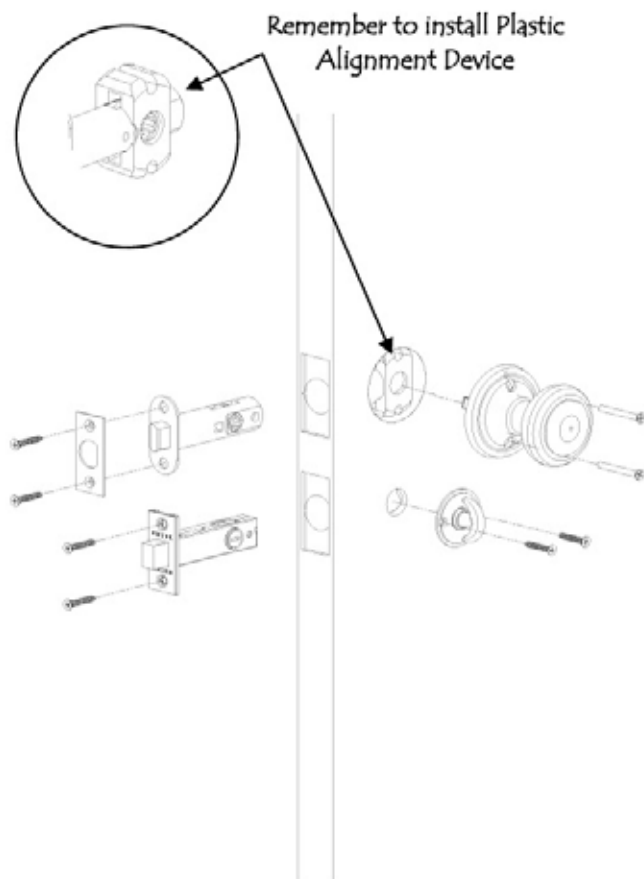
Door Prep



Door Jamb

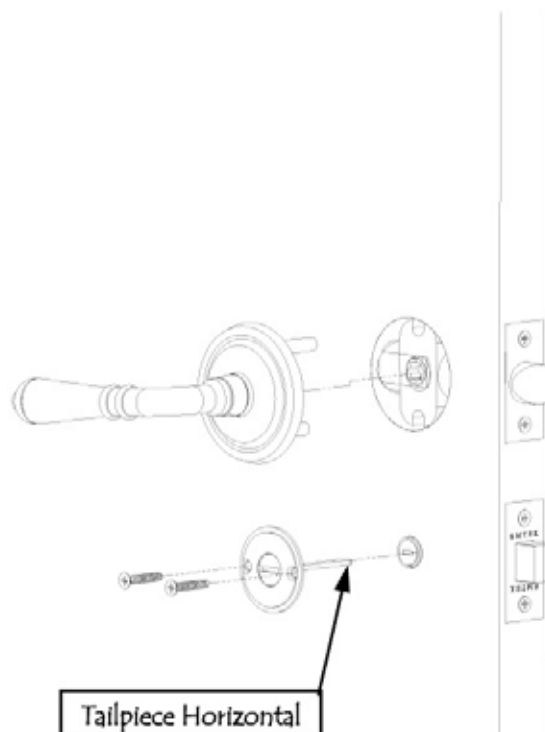


Inside Trim



Rosettes and handles vary depending on style.

Outside Trim



Small Knob Passage Sets

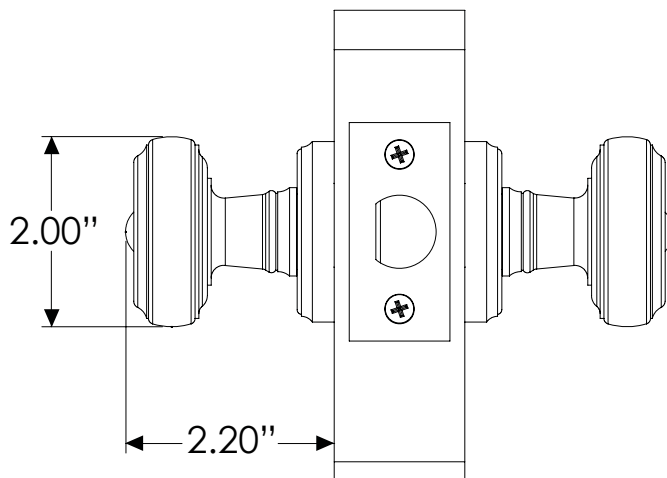
Complete set includes Latch and Strike Plate



Round Knob with Small
Modern Rosette
(SRN)



Wavely Knob with Small
Regular Rosette
(SW)



- Shipped with EMTEK premium 28° latch - 2 3/8" backset. Specify 2 3/4" backset if required.
- Small Knobs can be ordered with any EMTEK brass rosettes for \$94 list price.
- ***Small Rosettes are NOT compatible with any EMTEK Levers.***

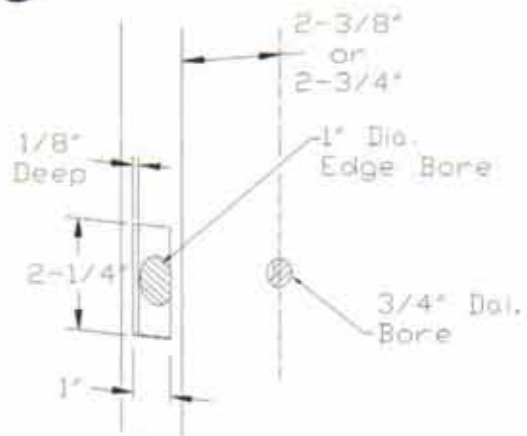
Small Knob Passage Sets

Complete set includes Latch and Strike Plate

Installation Instructions-Small Rosette - Passage

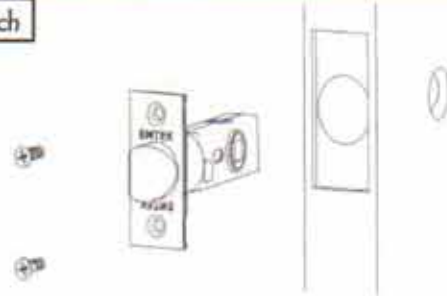
Passage Door Prep. Active

1



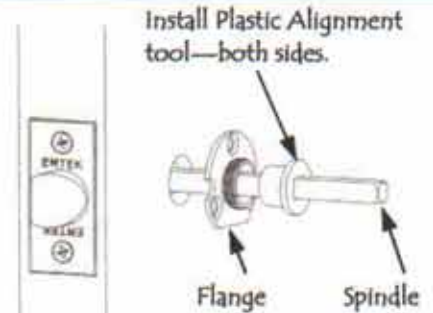
Install Latch

2



Align Flange

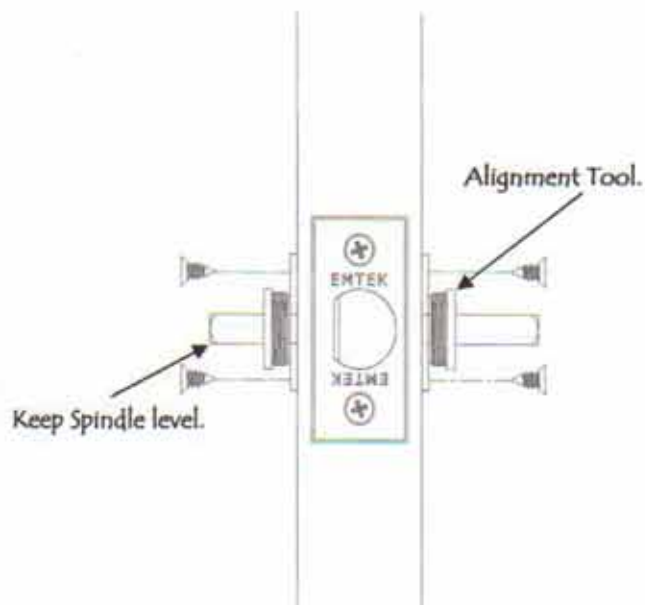
3



Install Flanges

4

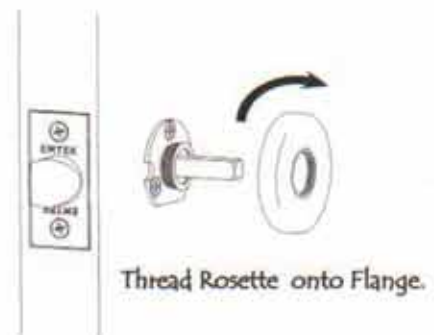
IMPORTANT: Make sure that the spindle is level before screwing Flange to door.



Remember to Remove Plastic Alignment Tool after Flanges are installed.

Install Rosette

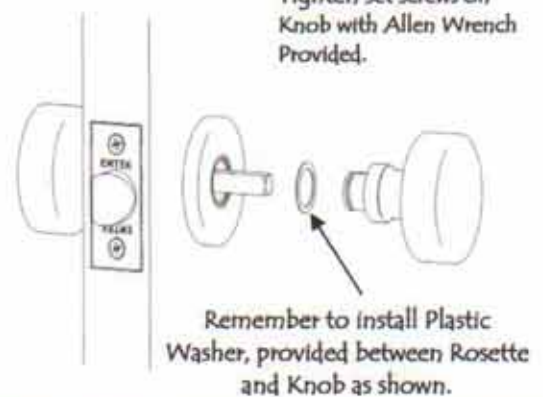
5



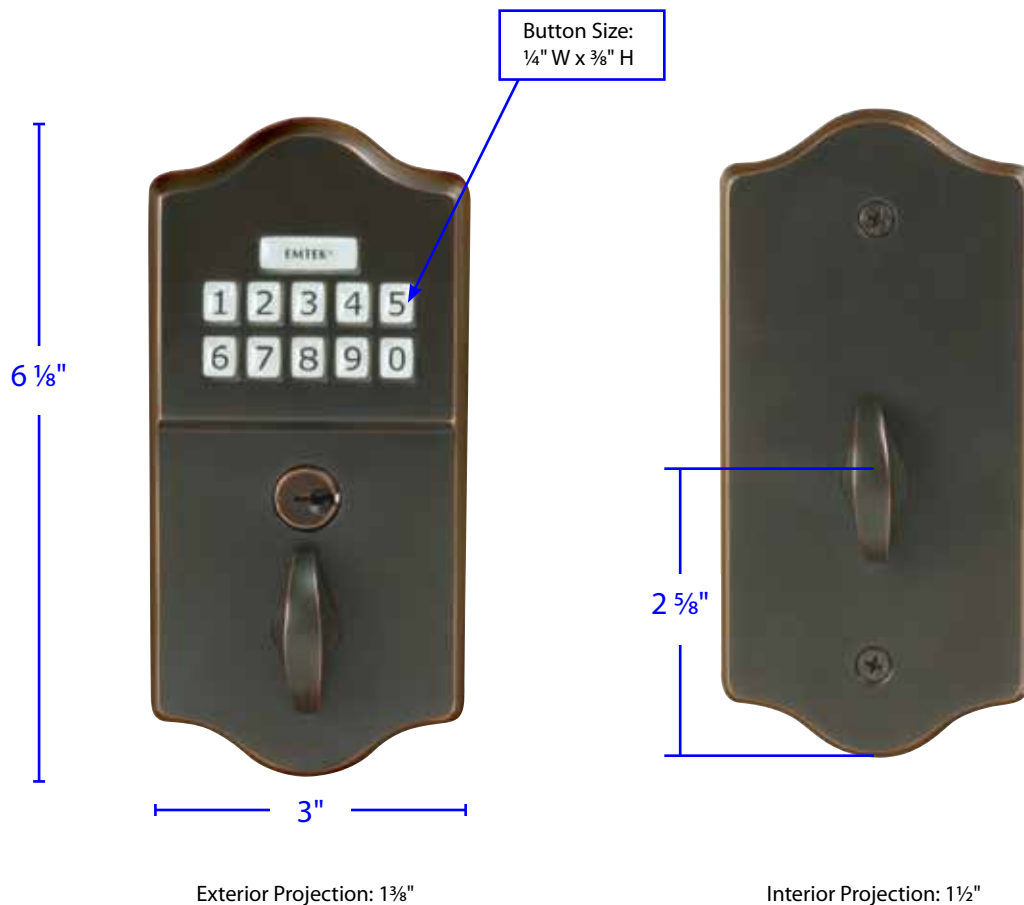
Install knobs to Spindle

6

AFTER INSTALLATION: Tighten Set Screws on Knob with Allen Wrench Provided.



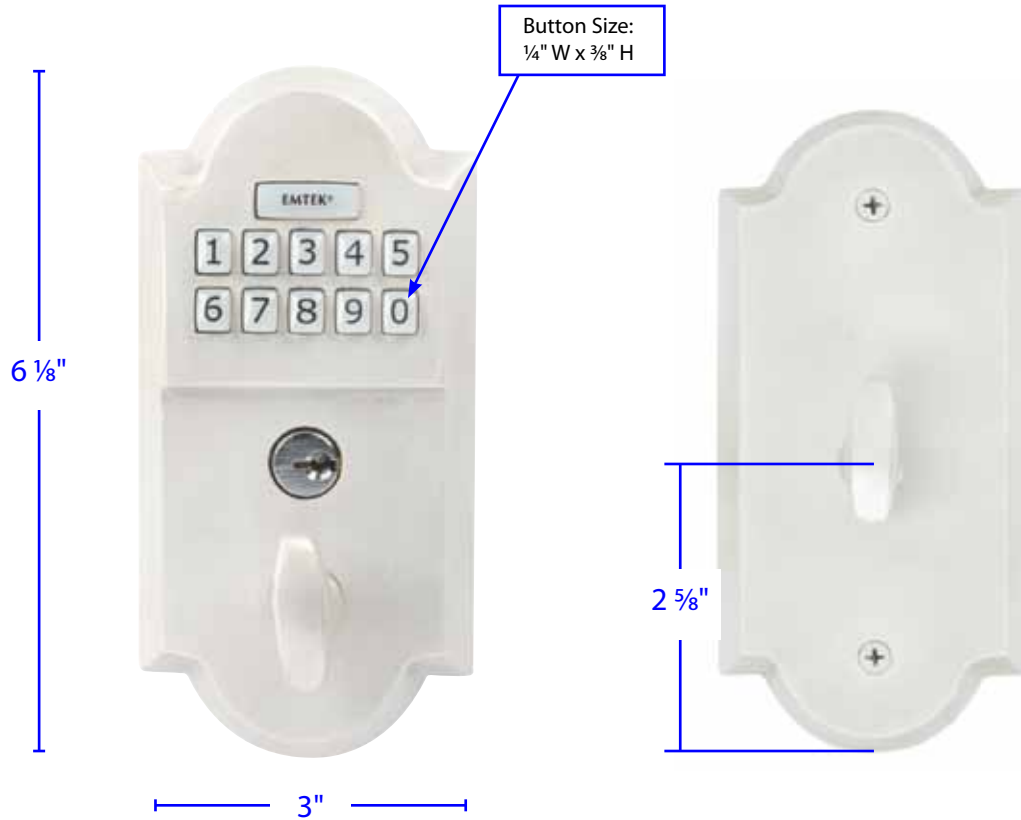
Brass Keypad Deadbolt Locksets



Product Features:

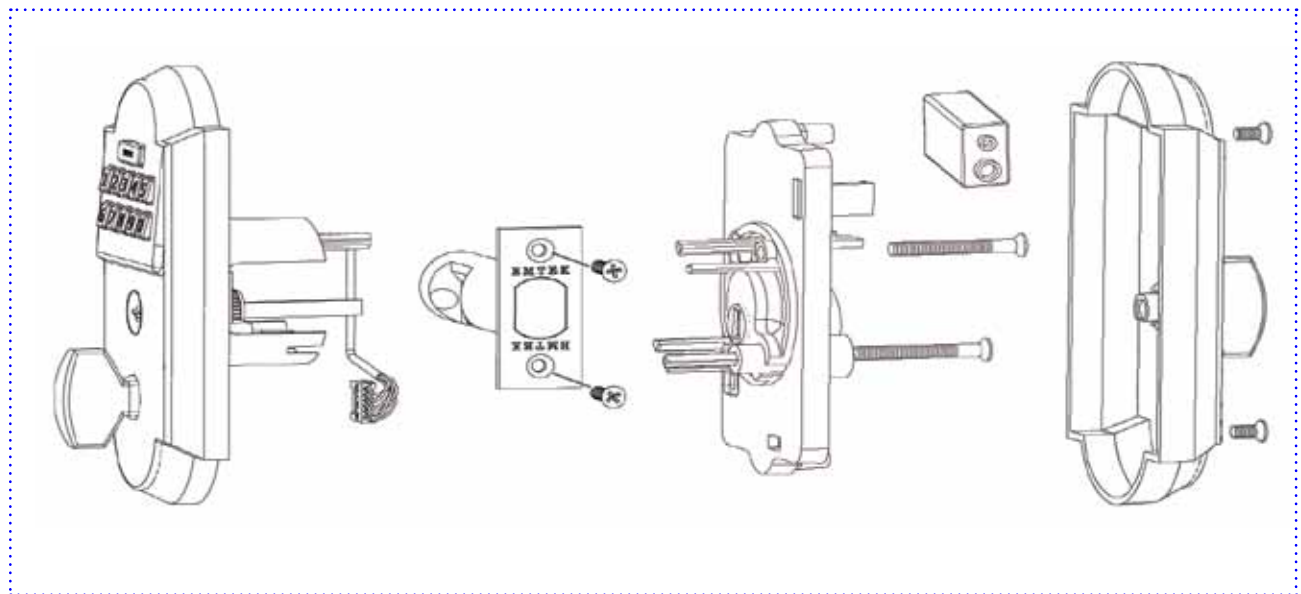
- Fits any door between 1 3/4" to 2 1/4" thick with a 2 1/8" bore standard door prep.
- Installs easily with only a Phillips head screwdriver.
- Easy to use installation and programming instructions included.
- Factory programmed with 2 unique, secure user codes for use right out of the box.
- Can be programmed with up to 20 user codes of your choice.
- Codes can be added and deleted.
- Easy lock operation, simply push the Emtek button and turn the exterior thumb turn to lock.
- Easy unlock operation, enter the 4 digit code and turn the exterior thumb turn.
- Programming changes can be made easily using the keypad.
- Keypad has a protective coating to prevent wear patterns.
- Illuminated keypad for easy and quick operation after dark.
- Low battery indicator lets you know when it's time to change the battery.
- Emtek's standard mechanical and finish warranties along with a 2 year warranty on electronic components.

Bronze Keypad Deadbolt Locksets



Exterior Projection: $1 \frac{3}{4}"$

Interior Projection: $1 \frac{3}{4}"$



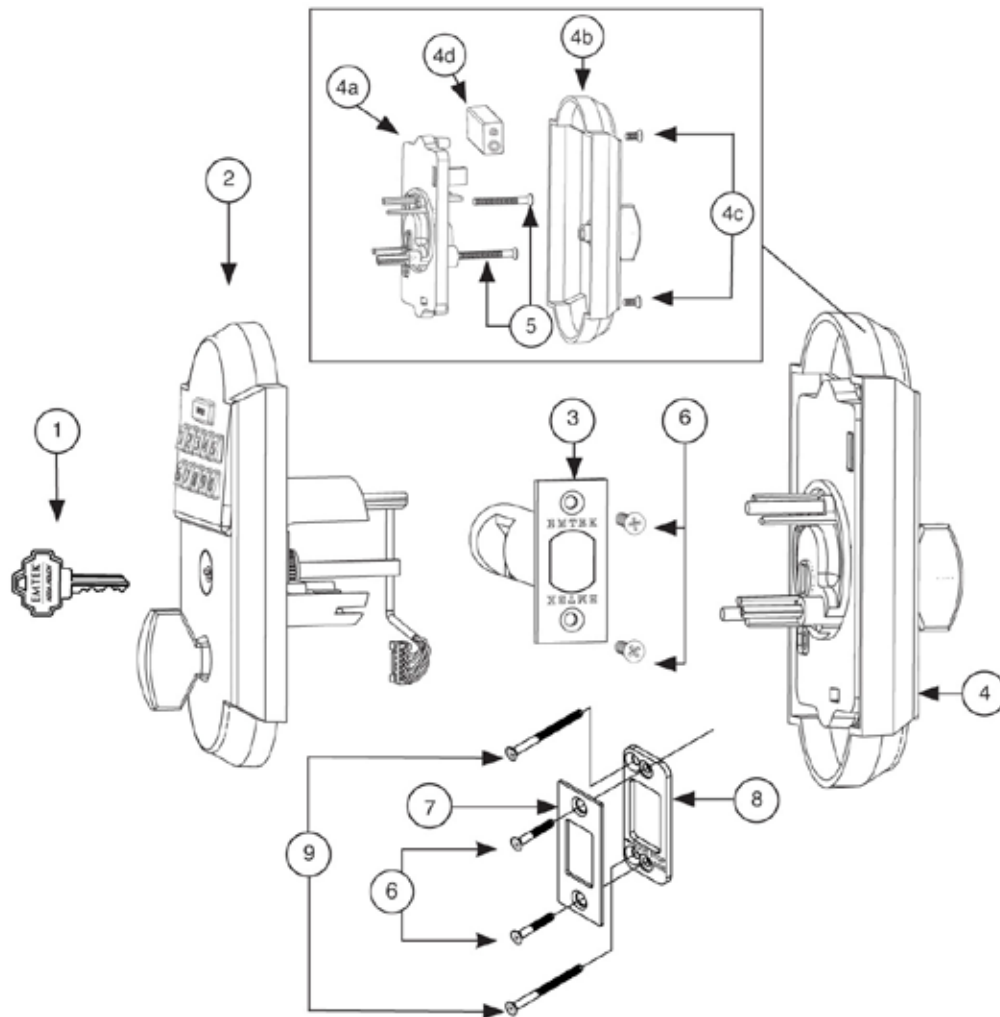
Installation & Programming Guide

Keypad Deadbolt Locksets

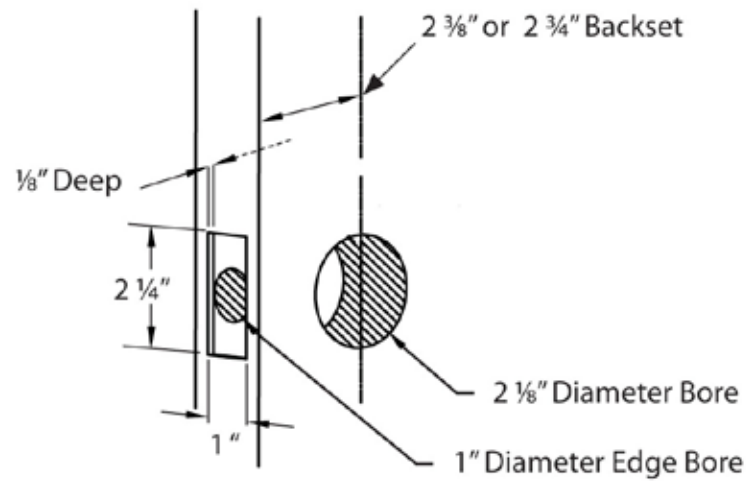


ASSA ABLOY, the global leader in door opening solutions

What's in the Box

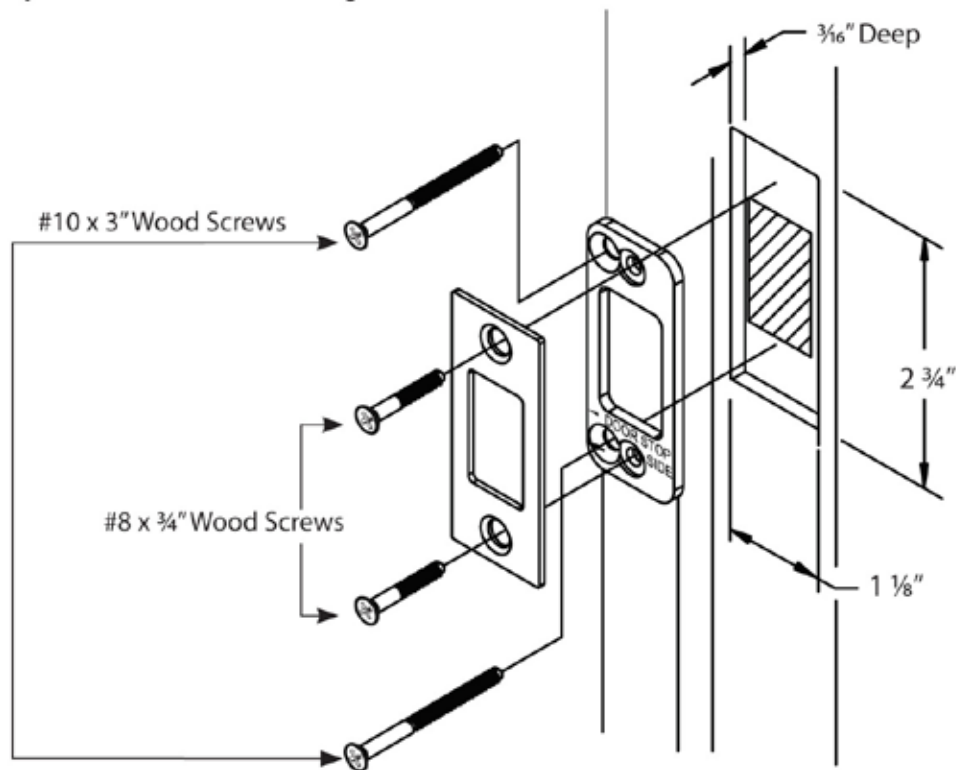


ITEM NO.	DESCRIPTION	QTY.
1	Key	2
2	Outside Trim Plate Assembly	1
3	Deadbolt Latch Assembly 2 1/4" or 2 3/4" Backset	1
4	Inside Trim Plate Assembly	1
4a	Inside Chassis	1
4b	Inside Trim Plate	1
4c	#8-32 x 3/4" Flat Head Machine Screw	2
4d	9V Alkaline Battery - Type 6LR61	1
5	#8-32 x 1 1/2" Flat Head Machine Screw	2
6	#8 x 3/4" Wood Screw	4
7	Strike Plate	1
8	Security Plate	1
9	#10 x 3" Wood Screw	2

Preparation**1. Door Prep****2. Door Jamb Prep**

Step 1: Fasten Security Plate using two #10 x 3" Wood Screws (item #9).

Step 2: Fasten Strike Plate using two #8 x 3/4" Wood Screws (item #6).

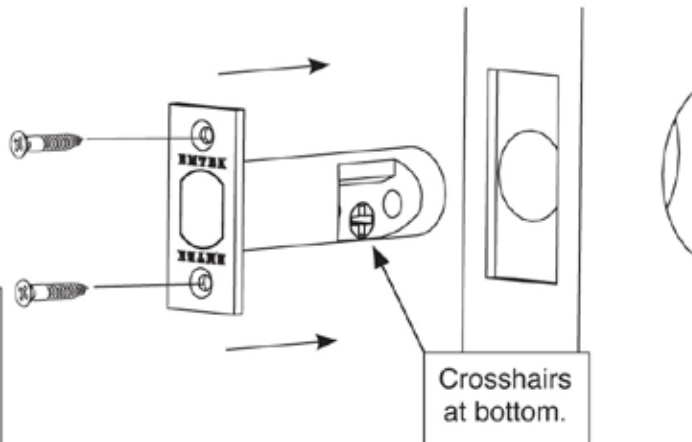
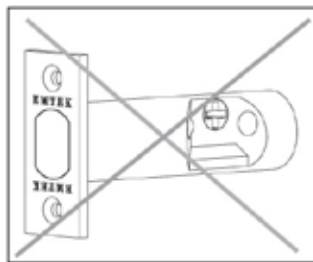


How to Install**1. Install Latch**

Fasten two #8 x 3/4" Wood Screws (item #6).



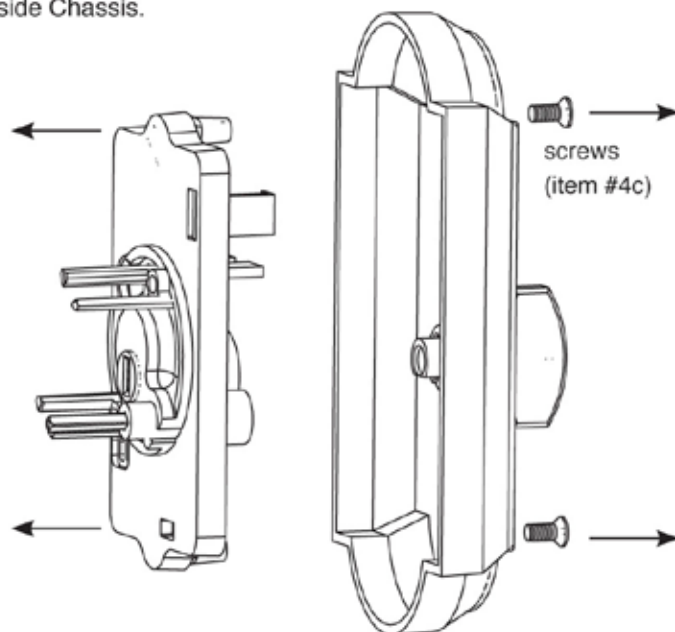
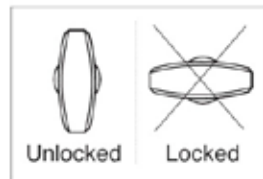
THE LATCH ASSEMBLY MUST BE ORIENTED AS SHOWN AND THE BOLT MUST BE IN THE RETRACTED POSITION FOR INSTALLATION.

**2. Remove Screws from Inside Trim Plate**

Use a Phillips head screwdriver to remove screws (item #4c) shown below and detach Inside Trim Plate from the Inside Chassis.



REMOVE INSIDE CHASSIS FROM TRIM PLATE BEFORE INSTALLING THE OUTSIDE TRIM. THUMBTURN MUST BE IN UNLOCKED POSITION.

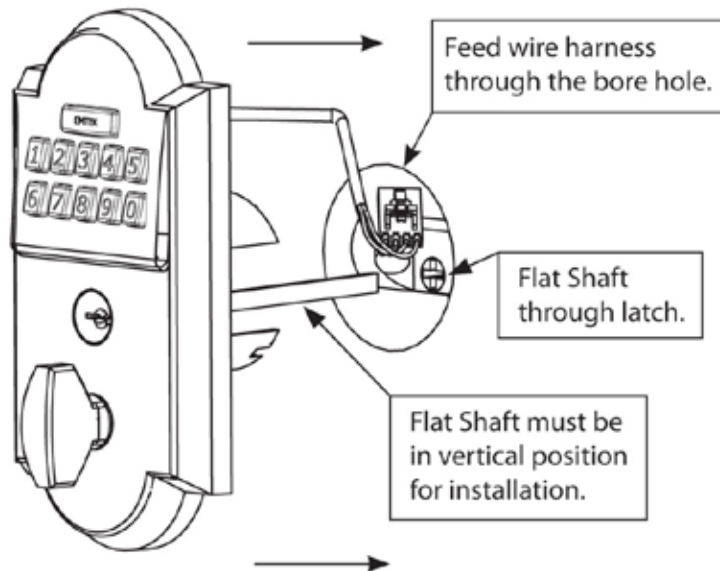


3. Install Outside Trim Plate Assembly

Position the Outside Trim Plate Assembly through the bore hole.



**ONCE POSITIONED,
OUTSIDE TRIM PLATE
ASSEMBLY REQUIRES
SUPPORT.**



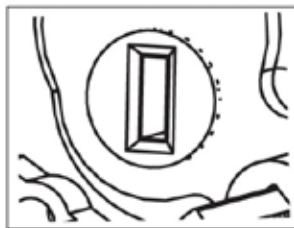
4. Install Inside Chassis

Step 1: Confirm the position of Flat Shaft.

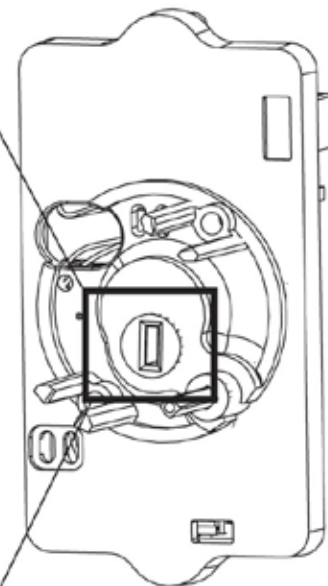
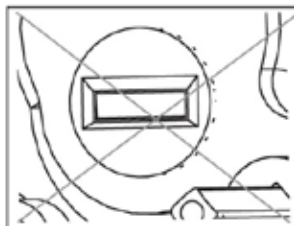


**HOLE FOR FLAT
SHAFT MUST BE IN
VERTICAL POSITION
FOR INSTALLATION.**

✓ Correct for Installation.

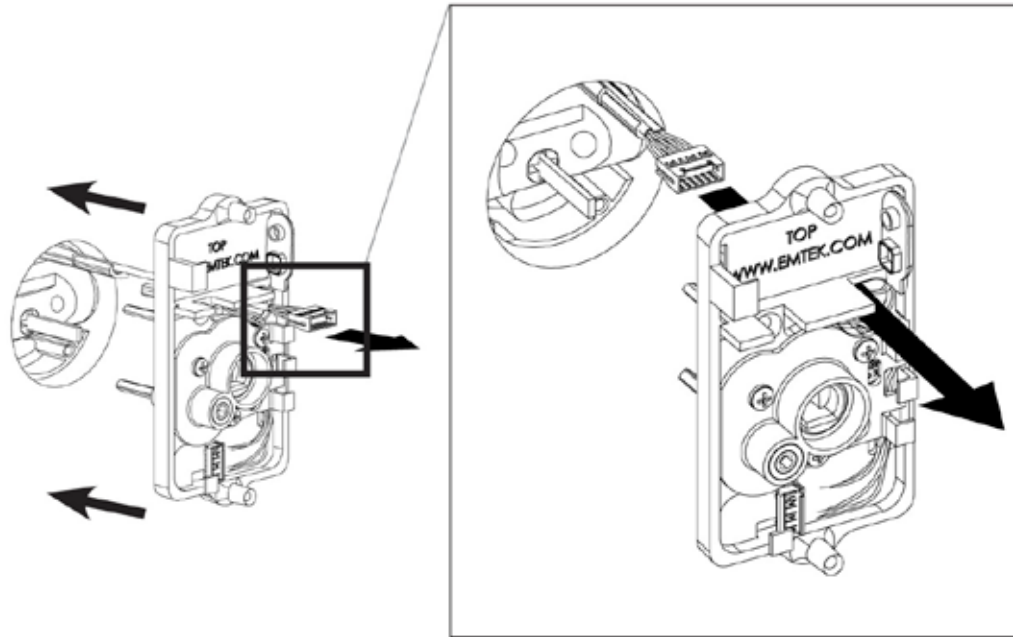


X Incorrect for Installation.



4. Install Inside Chassis

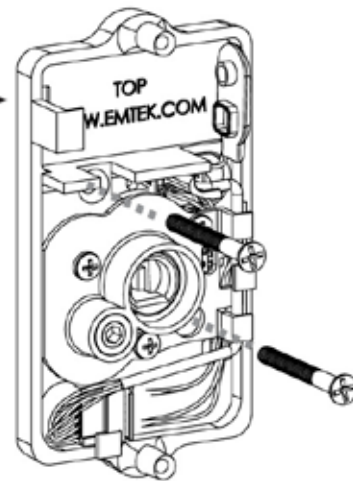
Step 2: Feed the Wire Harness through Inside Chassis.



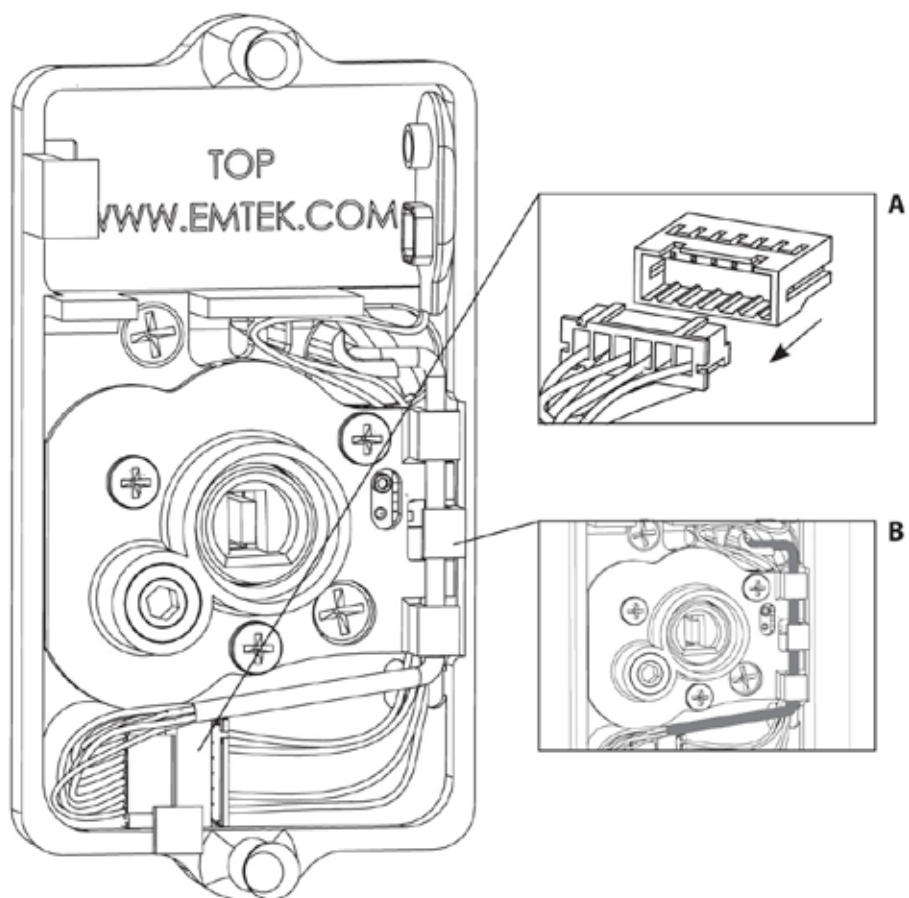
Step 3: Fasten Inside Chassis using two #8-32 x 1½" Flat Head Machine Screws (item #5).



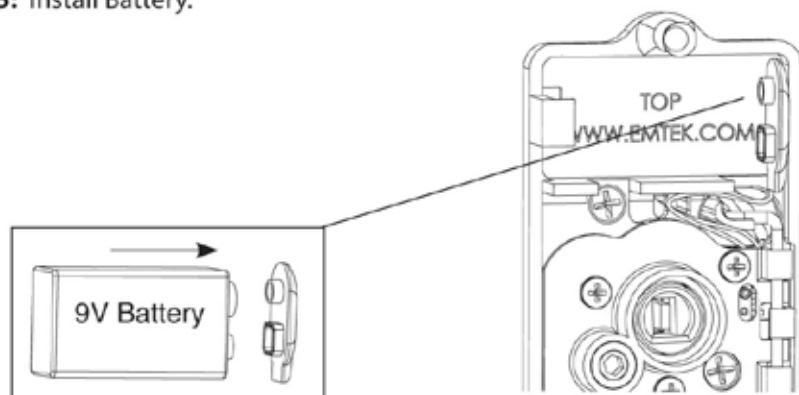
**CHECK ALIGNMENT BEFORE
FULLY TIGHTENING SCREWS.**



Step 4: Connect Wire Harness (A) and tuck Connectors as shown (B).



Step 5: Install Battery.



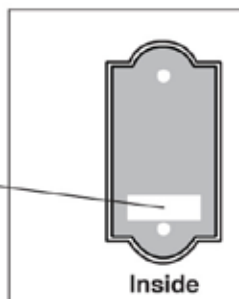
For optimal performance, always use a good quality battery.

5. Install Inside Trim Plate

Fasten Inside Trim Plate using two #8-32 x $\frac{3}{8}$ " Flat Head Machine Screws (item #4c).



**USER CODES
ARE LOCATED
ON THE INSIDE
TRIM PLATE &
ON PAGE 11.**



Correct for installation



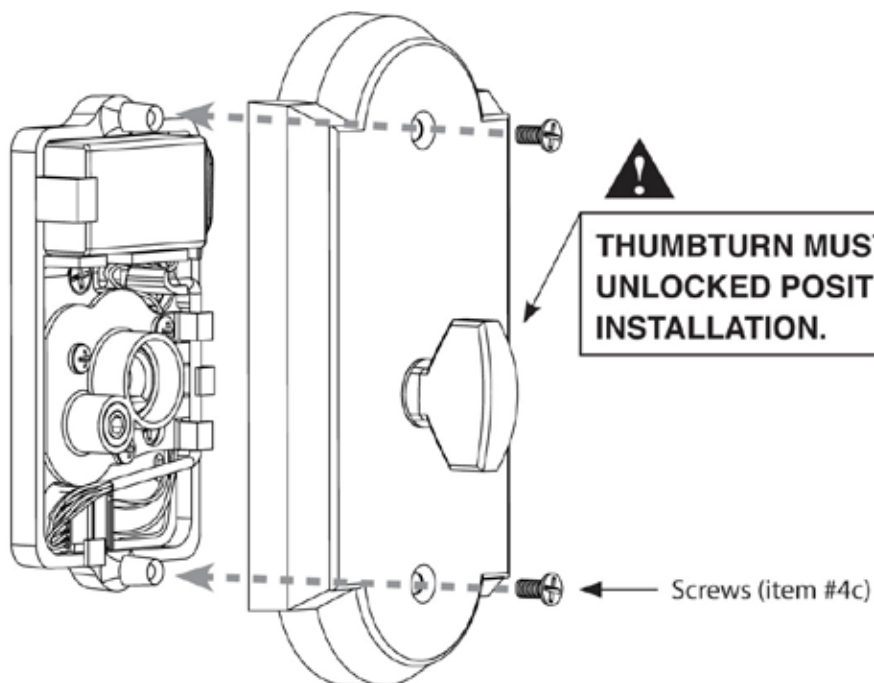
*Unlocked

Incorrect for installation



Locked

***Unlocked position** is required for installation and removal of the Inside Trim Plate Assembly.



**THUMBTURN MUST BE IN
UNLOCKED POSITION FOR
INSTALLATION.**

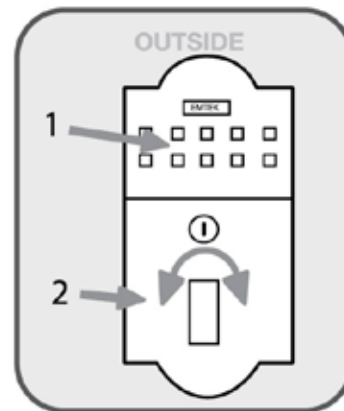
Screws (item #4c)

How to Use**Your Lock is Ready to Use**

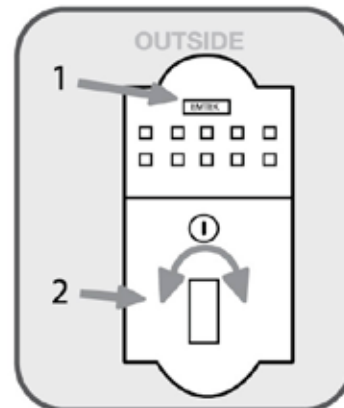
Your Emtek lock is shipped with two 4-digit user codes and a 6-digit programming code. These codes are randomly generated at the factory.
(Turn to next page for Programming Instructions.)

To Unlock:

1. Enter 4-digit user codes.
(See sticker located on the inside trim plate or on page 11).
2. Rotate Thumbturn.

**To Lock:**

1. Press EMTEK key.
2. Rotate Thumbturn.



How to Program

Programming Your Lock

In order to perform each of the following six functions, the lock must first be placed in Programming Mode:

1. Press and hold EMTEK button for 3 seconds
2. **Yellow** LED flashes, then remains solid*
3. Enter Programming Code
4. **Green** LED flashes, then 1 beep
5. **Yellow** LED remains solid (awaiting button press; see following Table)

IF YOU WISH TO	PRESS BUTTON	ACTIONS		INDICATORS
Change Programming Code (6 digits)	1	Enter New Programming Code (6 digits)	Re-Enter New Programming Code (6 digits)	<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
Add User Code (4 digits) (Maximum of 20 User Codes)	2	Enter New User Code (4 digits)	Re-Enter New User Code (4 digits)	<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
Delete User Code	3	Enter User Code to be Deleted	Re-Enter User Code to be Deleted	<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
**Enable/Disable All User Codes	4	Entering '4' disables all Users (enables all if disabled)		<ul style="list-style-type: none"> • 2 Green LED flashes • 2 beeps
Delete All User Codes	5	Re-Enter Programming Code		<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
Turn Beeper On/Off	6	Entering '6' turns OFF (or ON)		<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps

*If no input within 10 seconds, **Yellow** LED goes out, **Red** LED flashes and lock exits Programming Mode.

**Also referred to as "vacation mode". This command temporarily disables all user codes (metal key override will still work).

Keypad Operation - Beeper & LED Indicators

Function	Indicators
Valid Code	• 1 short beep, EMTEK button flashes Green .
Invalid Code/Access Denied*	• 1 Red LED flash • 2 short beeps
Lock-Out Mode Error	• 2 short beeps • 1 short beep per second for duration
Access Accepted	• 1 short beep • 1 Green LED flash
Low Battery	• 4 Red LED flashes • 4 short beeps
Blackout Battery**	• 1 long Red LED flash • 4 long beeps
Button Press Accepted	• 1 Yellow LED flash • 1 Short Beep
Outside Thumb Turn Enabled	• 2 Green LED flashes

* If 3 consecutive incorrect codes are entered, the lock emits 4 short beeps and a flashing **Red** EMTEK button. The lock will not accept additional input for 20 seconds (20 beeps).

** Battery voltage has dropped too low; keypad will be disabled but metal key override will still work.

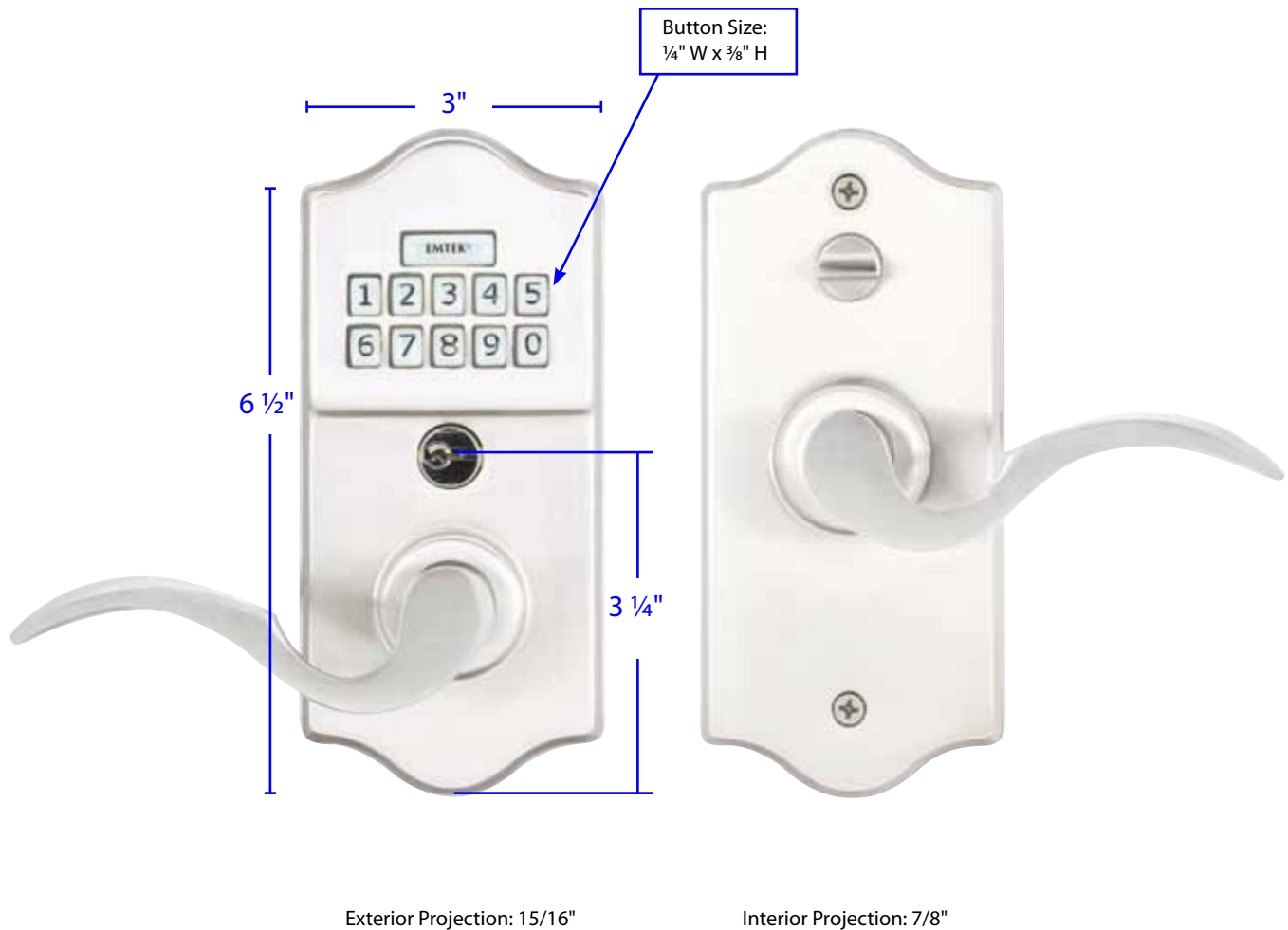
Restoring the Lock to Factory Default Setting

This procedure clears the lock of all users and restores the Programming Code and 2 User Codes shipped with the lock.

- Remove power (disconnect 9V battery) from Lock
- Press and Hold EMTEK button
- Restore power (reconnect 9V battery) while continuing to hold EMTEK button
- Continue to hold EMTEK button for 3 seconds
- 1 **Green** LED Flash and 2 short beeps followed by 1 **Green** LED Flash and 2 short beeps indicates the lock has been successfully restored



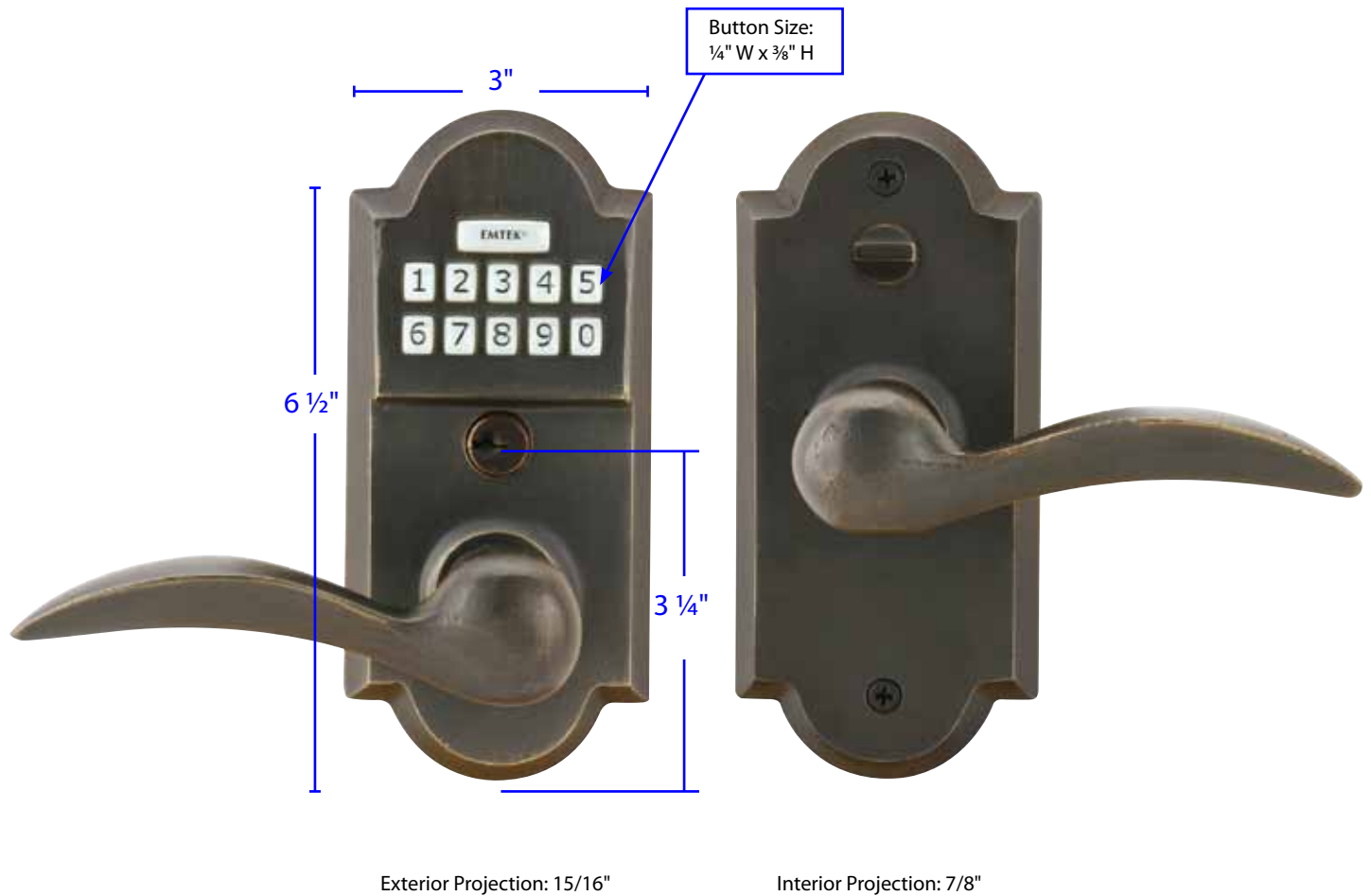
Brass Keypad Lever Locksets



Product Features for both Deadbolt & Lever Locksets:

- Fits any door between 1 3/4" to 2 1/4" thick with a 2 1/8" bore standard door prep.
- Installs easily with only a Phillips head screwdriver.
- Easy to use installation and programming instructions included.
- Factory programmed with 2 unique, secure user codes for use right out of the box.
- Can be programmed with up to 20 user codes of your choice.
- Programming changes can be made easily using the keypad.
- Keypad has a protective coating to prevent wear patterns.
- Illuminated keypad for easy and quick operation after dark.
- Low battery indicator lets you know when it's time to change the battery.
- Emtek's standard mechanical and finish warranties along with a 2 year warranty on electronic components.

Bronze Keypad Lever Locksets



Shown in
Passage Mode

Storeroom/Gate
Function



Storeroom / Gate Function

- Outside lever always locked
- Entry by code or key only
- Inside lever always free



Locked

- Outside lever always locked
- Entry by code or key only
- Inside lever always free

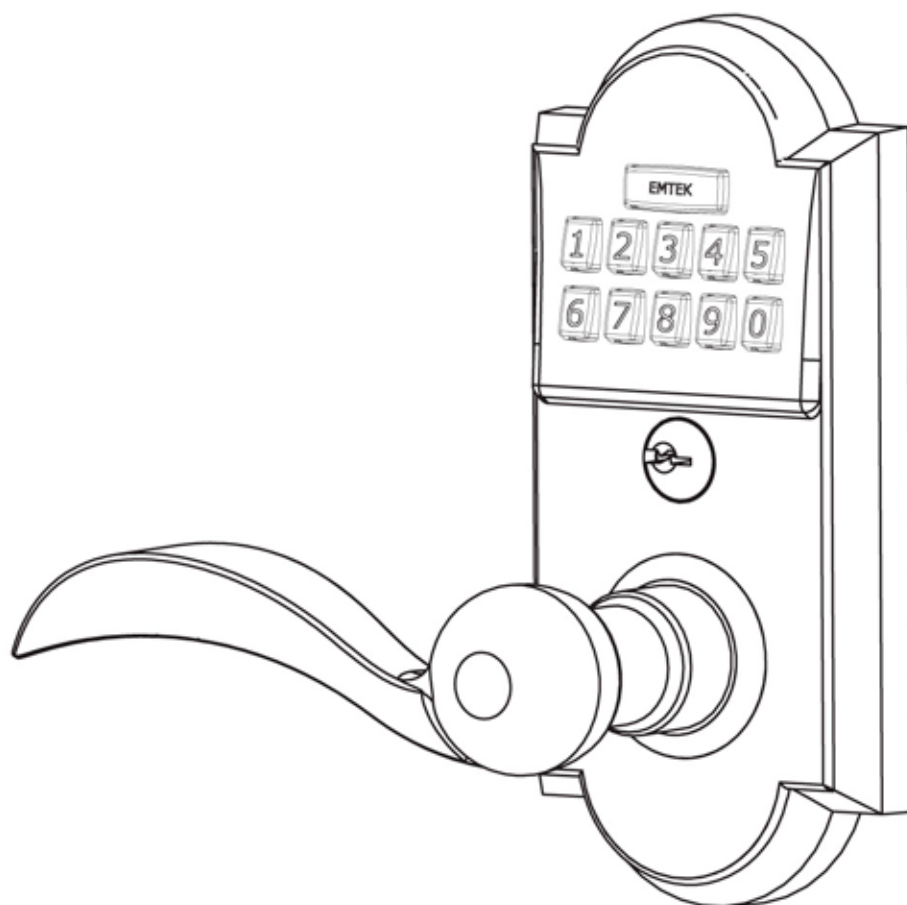


Passage

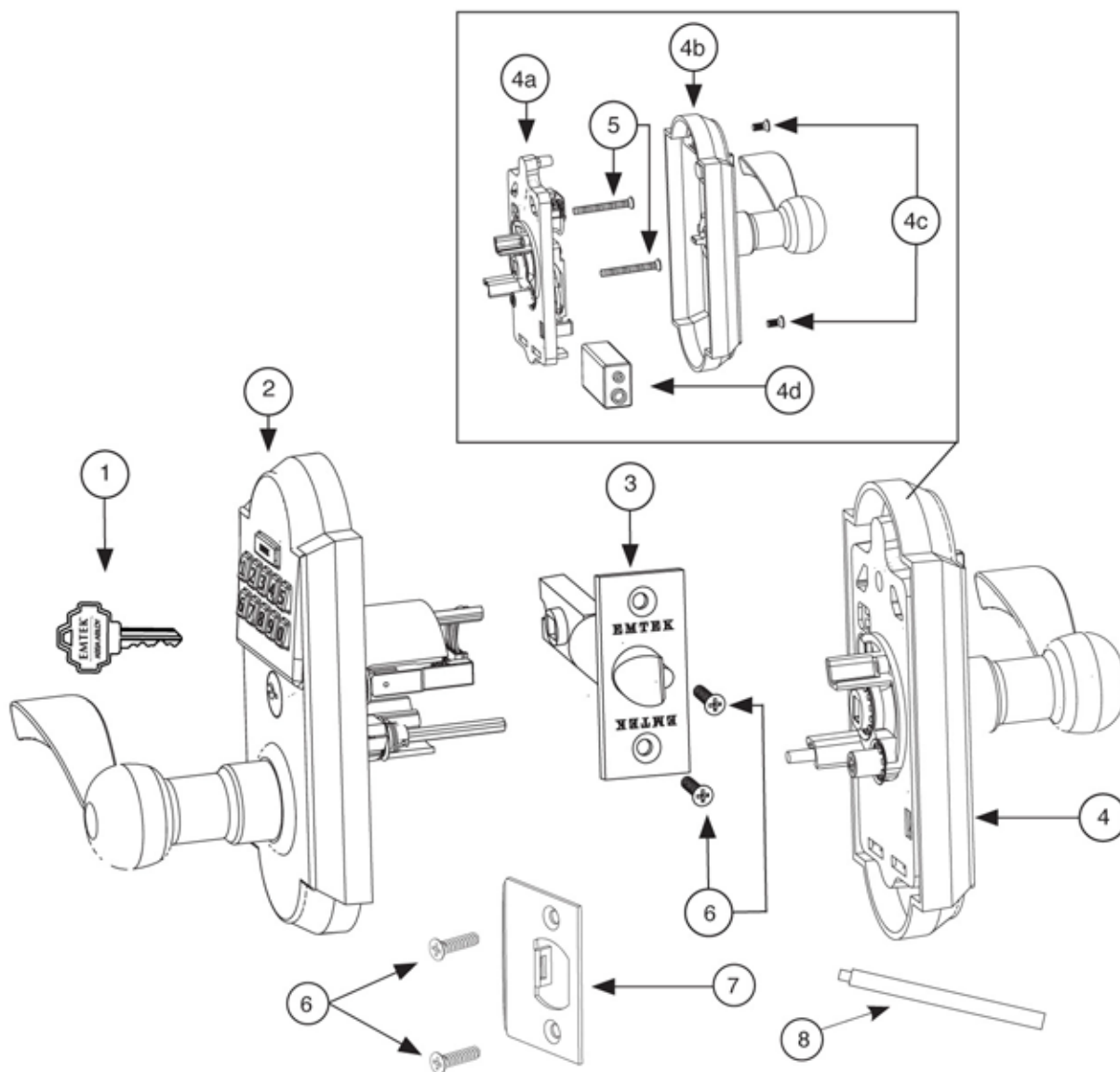
- Outside lever always free
- Entry by operating lever, no code or key required.
- Inside lever always free

Installation & Programming Guide

Keypad Lever Locksets



What's in the Box

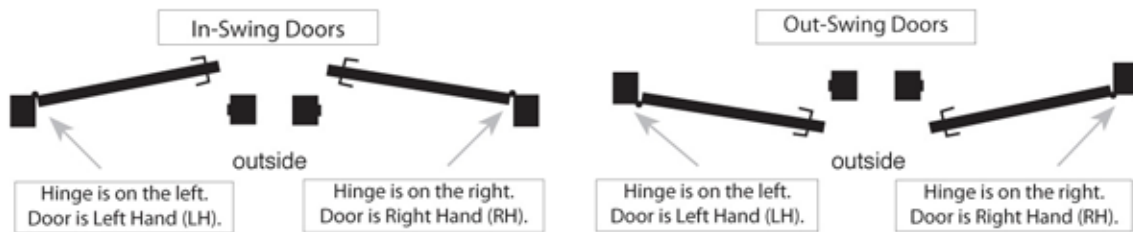


ITEM NO.	DESCRIPTION	QTY.
1	Metal Key	2
2	Outside Trim Plate Assembly	1
3	Latch Assembly 2 3/8" or 2 3/4" Backset	1
4	Inside Trim Plate Assembly	1
4a	Inside Chassis	1
4b	Inside Trim Plate	1
4c	#8-32 x 3/8" Flat Head Machine Screw	2
4d	9V Alkaline Battery - Type 6LR61	1
5	#8-32 x 1 1/2" Flat Head Machine Screw	2
6	#8 x 3/4" Wood Screw	4
7	Strike Plate	1
8	Plastic Extender	1

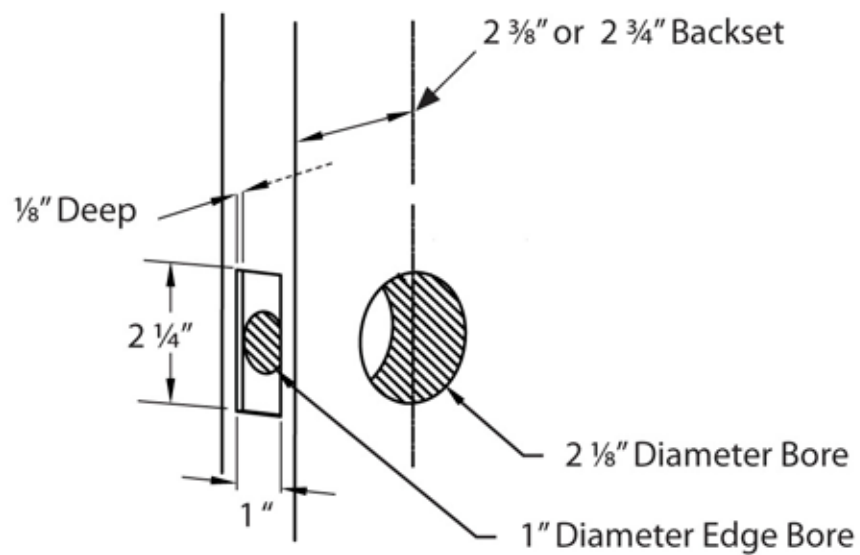
Preparation

1. Confirm Handing

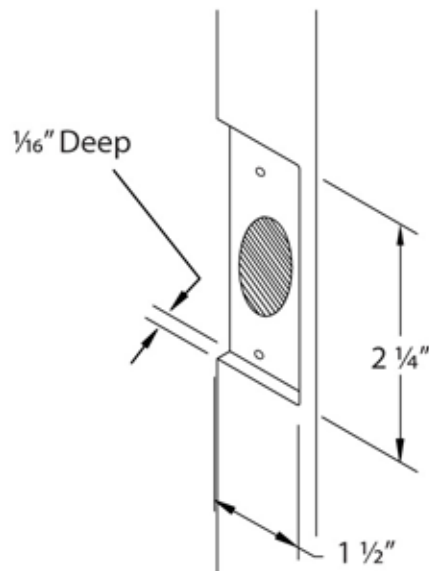
HANDING OF DOOR IS ALWAYS DETERMINED FROM THE OUTSIDE



2. Door Prep



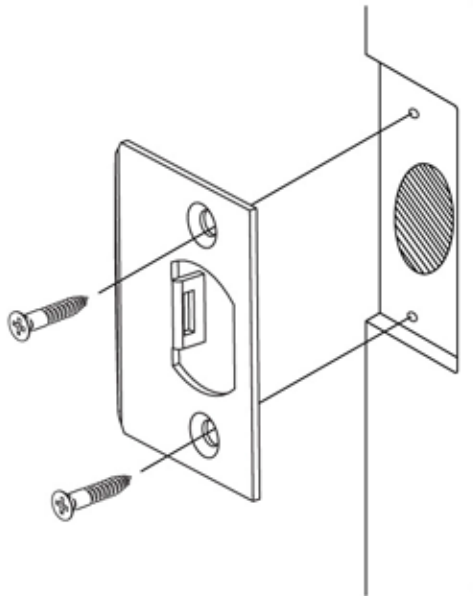
3. Door Jamb Prep



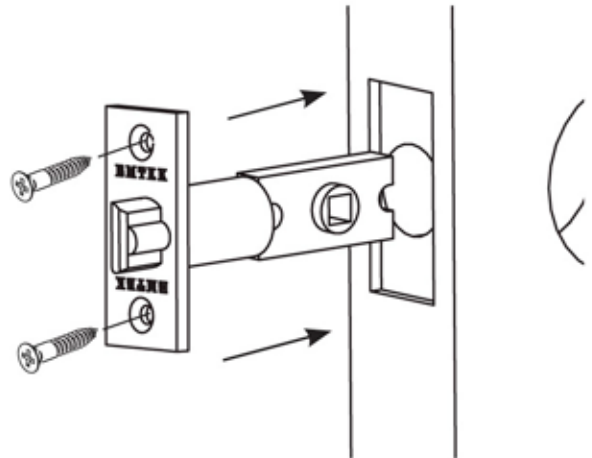
How to Install

1. Install Strike Plate & Latch

Step 1: Fasten Strike Plate using two #8 x 3/4" Wood Screws (item #6).



Step 2: Fasten Latch using two #8 x 3/4" Wood Screws (item #6).

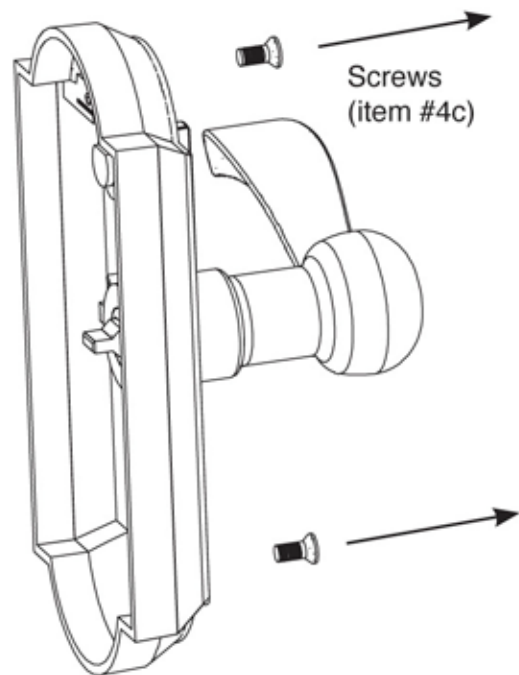
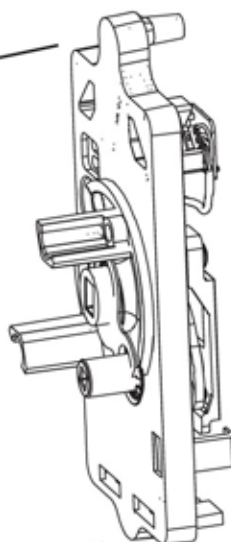
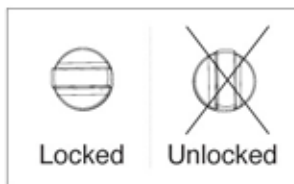


2. Remove Screws from Inside Trim Plate

Use a Phillips head screwdriver to remove screws (item #4c) shown below and detach Inside Trim Plate from the Inside Chassis.

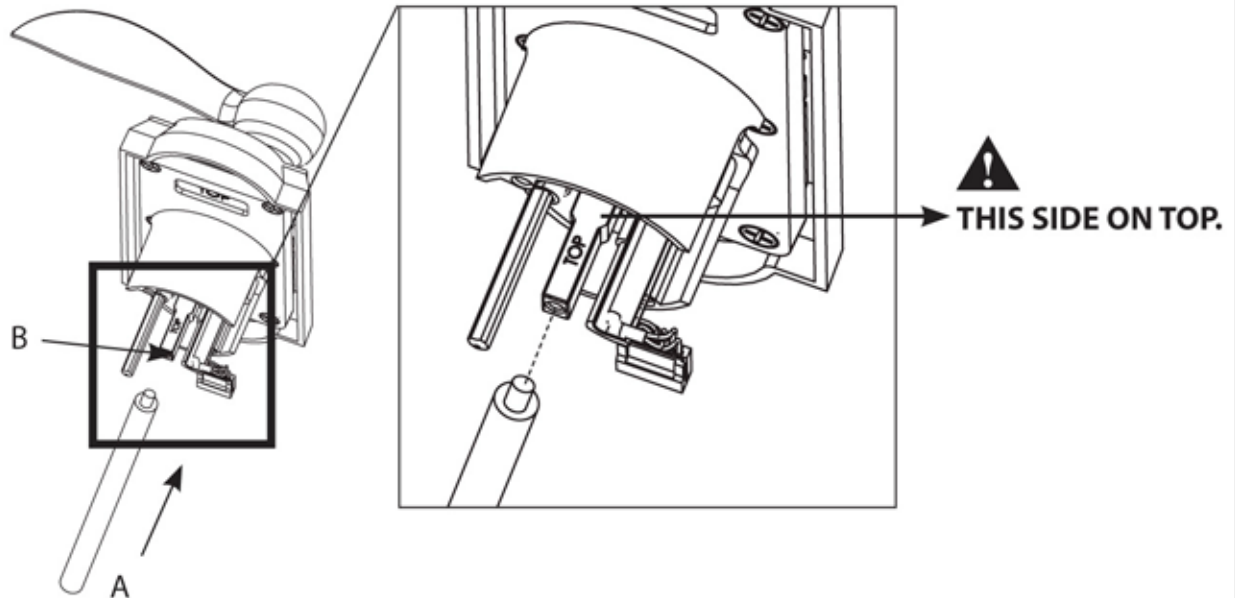


REMOVE INSIDE CHASSIS FROM TRIM PLATE BEFORE INSTALLING THE OUTSIDE TRIM. THUMBTURN MUST BE IN LOCKED POSITION.



3. Install Outside Trim Plate Assembly

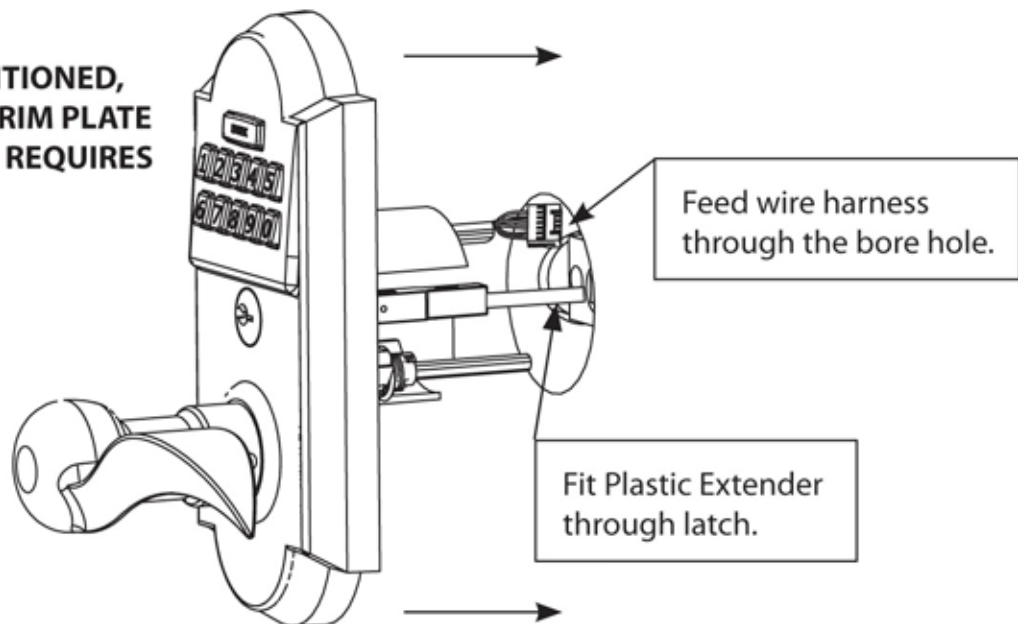
Step 1: While holding Outside Trim Plate Assembly, Press the Plastic Extender (A) into end of Spindle Shaft (B). The Shaft is properly aligned when the marking 'TOP' can be seen from an overhead view.



Step 2: Position the Outside Trim Plate Assembly through the bore hole.



**ONCE POSITIONED,
OUTSIDE TRIM PLATE
ASSEMBLY REQUIRES
SUPPORT.**



Step 3: With the Outside Trim Plate Assembly flush to the door, **REMOVE** the Plastic Extender.

4. Install Inside Chassis

Step 1: Confirm the position of Cam Link.



**CAM LINK MUST
REMAIN IN
THE CORRECT
POSITION DURING
INSTALLATION.**

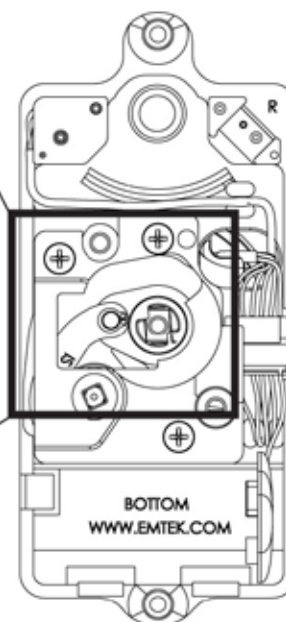
For Right Hand Locks:

Turn to right position.

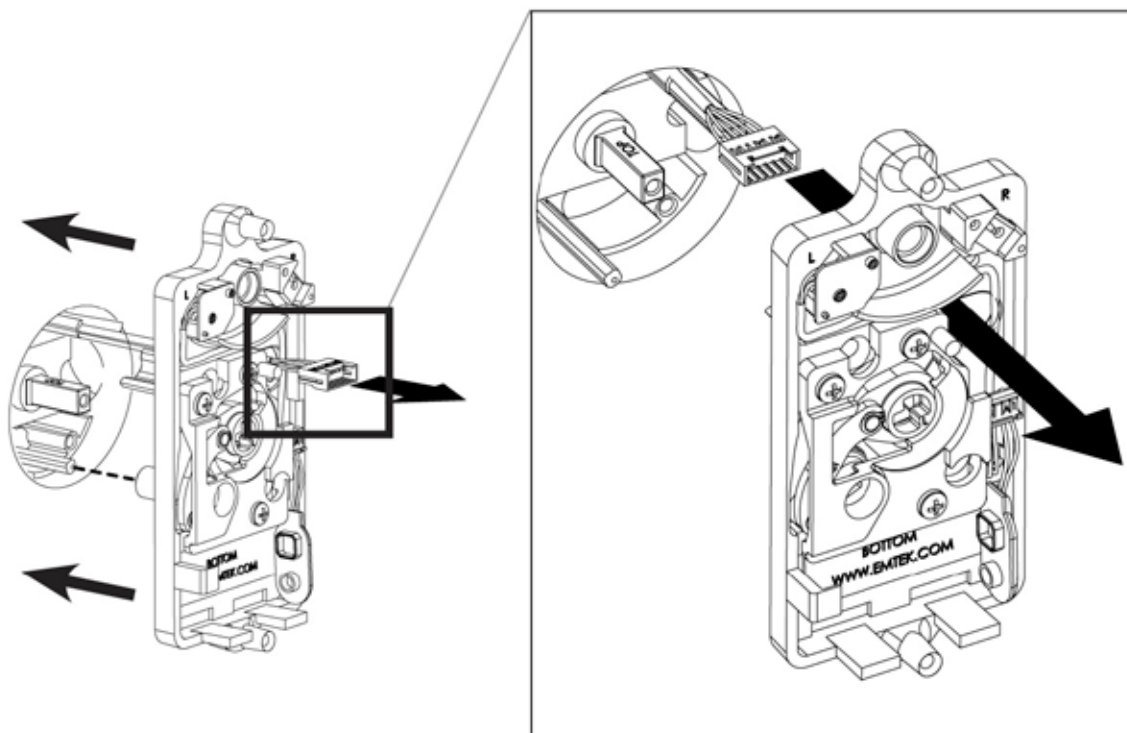


For Left Hand Locks:

Turn to left position.



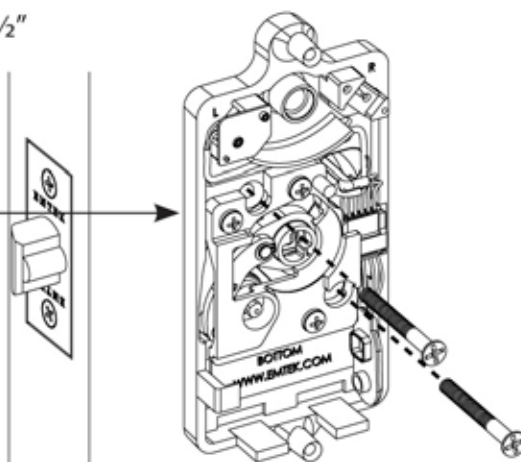
Step 2: Feed the Wire Harness through Inside Chassis.



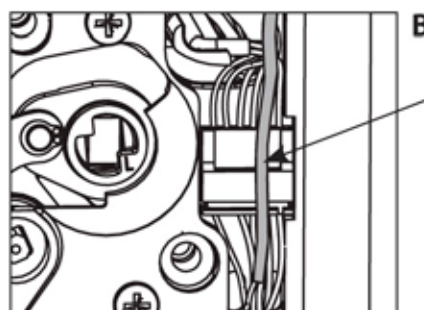
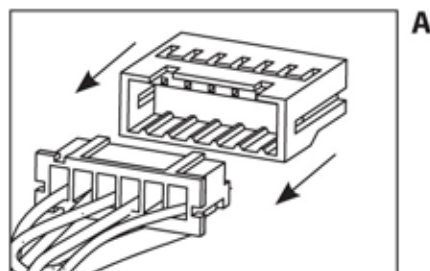
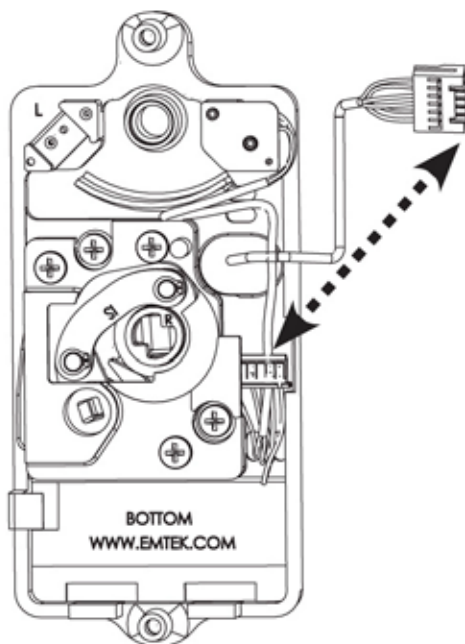
Step 3: Fasten Inside Chassis using two #8-32 x 1½" Flat Head Machine Screw (item #5).



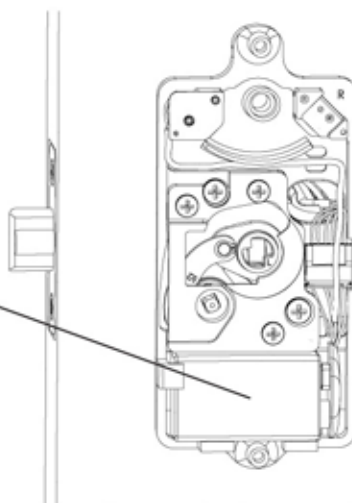
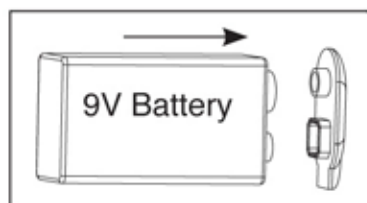
CHECK ALIGNMENT BEFORE FULLY TIGHTENING SCREWS.



Step 4: Connect Wire Harness (A) and tuck Connectors as shown (B).



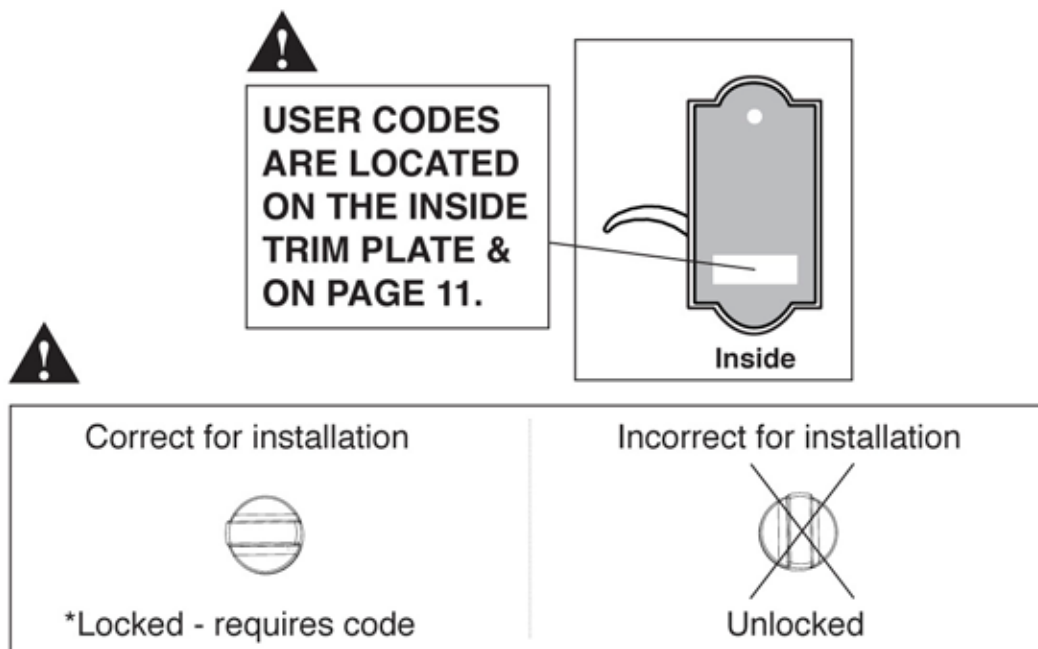
Step 5: Install Battery.



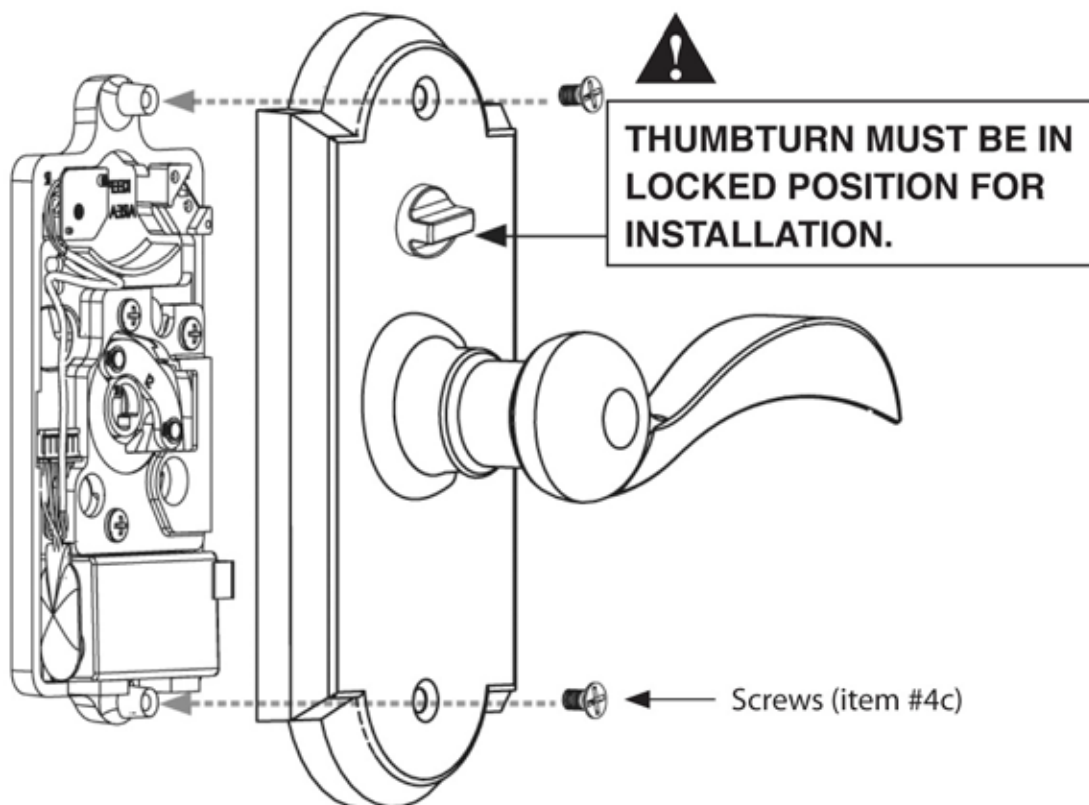
For optimal performance, always use a good quality battery.

5. Install Inside Trim Plate

Fasten Inside Trim Plate using two #8-32 x $\frac{3}{8}$ " Flat Head Machine Screws (item #4c).



***Locked position** is required for installation and removal of the Inside Trim Plate Assembly. *(Does not apply to Keypad Storeroom/Gate product)*



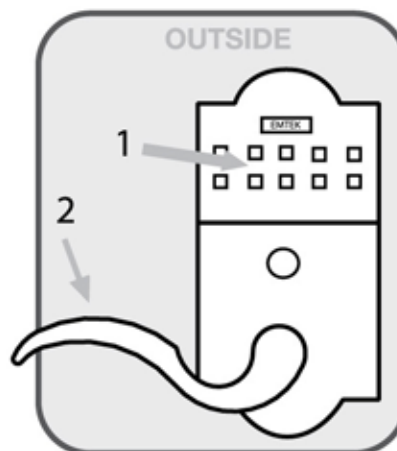
How to Use

Your Lock is Ready to Use

Your Emtek lock is shipped with two 4-digit user codes and a 6-digit programming code. These codes are randomly generated at the factory.
(Turn to next page for Programming Instructions.)

To Unlock:

1. Enter 4-digit user codes.
(See sticker located on the inside trim plate or on page 11).
2. Turn Handle.

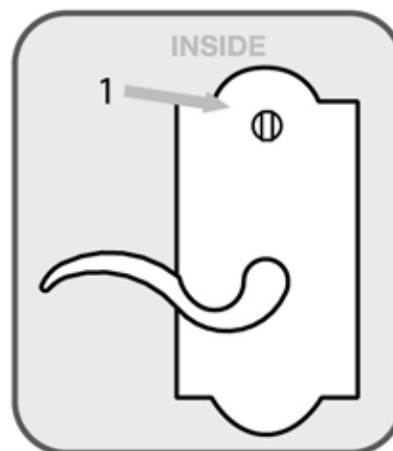
**Passage feature**

(Does not apply to Keypad Storeroom/Gate product)

Activate by turning the inside thumbturn to the unlocked position. This will engage the outside lever so a code is not required to enter.

To Lock:

1. Rotate Thumbturn from inside.



How to Program

Programming Your Lock

In order to perform each of the following six functions, the lock must first be placed in Programming Mode:

1. Press and hold EMTEK button for 3 seconds
2. **Yellow** LED flashes, then remains solid*
3. Enter Programming Code
4. **Green** LED flashes, then 2 beeps
5. **Yellow** LED remains solid (awaiting button press; see following Table)

IF YOU WISH TO	PRESS BUTTON	ACTIONS		INDICATORS
Change Programming Code (6 digits)	1	Enter New Programming Code (6 digits)	Re-Enter New Programming Code (6 digits)	<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
Add User Code (4 digits) (Maximum of 20 User Codes)	2	Enter New User Code (4 digits)	Re-Enter New User Code (4 digits)	<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
Delete User Code	3	Enter User Code to be Deleted	Re-Enter User Code to be Deleted	<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
**Enable/Disable All User Codes	4	Entering '4' disables all Users (enables all if disabled)		<ul style="list-style-type: none"> • 2 Green LED flashes • 2 beeps
Delete All User Codes	5	Re-Enter Programming Code		<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps
Turn Beeper On/Off	6	Entering '6' turns OFF (or ON)		<ul style="list-style-type: none"> • 1 Green LED flash • 1 beep • 2 Green LED flashes • 2 beeps

*If no input within 10 seconds, **Yellow** LED goes out, **Red** LED flashes and lock exits Programming Mode.

**Also referred to as "vacation mode". This command temporarily disables all user codes (metal key override will still work).

Keypad Operation - Beeper & LED Indicators

Function	Indicators
Valid Code	• 1 short beep, EMTEK button flashes Green .
Invalid Code/Access Denied*	• 1 Red LED flash • 2 short beeps
Lock-Out Mode Error	• 2 short beeps • 1 short beep per second for duration
Access Accepted	• 1 short beep • 1 Green LED flash
Low Battery	• 4 Red LED flashes • 4 short beeps
Blackout Battery**	• 1 long Red LED flash • 4 long beeps
Button Press Accepted	• 1 Yellow LED flash • 1 Short Beep
Outside Thumb Turn Enabled	• 2 Green LED flashes

* If 3 consecutive incorrect codes are entered, the lock emits 4 short beeps and a flashing **Red** EMTEK button. The lock will not accept additional input for 20 seconds (20 beeps).

** Battery voltage has dropped too low; keypad will be disabled but metal key override will still work.

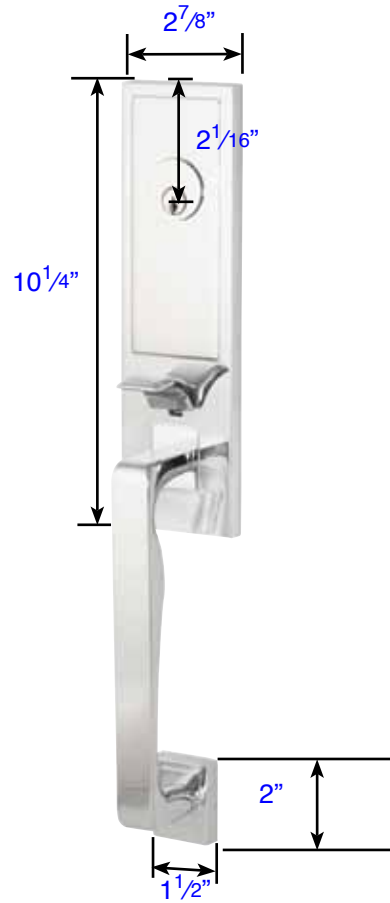
Restoring the Lock to Factory Default Setting

This procedure clears the lock of all users and restores the Programming Code and 2 User Codes shipped with the lock.

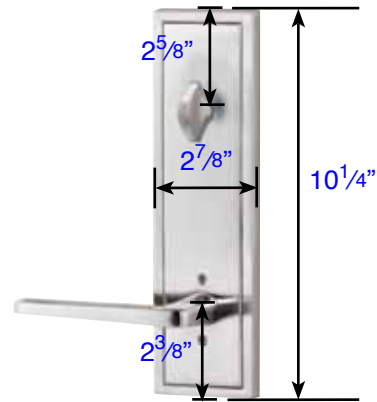
- Remove power (disconnect 9V battery) from Lock
- Press and Hold EMTEK button
- Restore power (reconnect 9V battery) while continuing to hold EMTEK button
- Continue to hold EMTEK button for 3 seconds
- 1 **Green** LED Flash and 2 short beeps followed by 1 **Green** LED Flash and 2 short beeps indicates the lock has been successfully restored



STAINLESS STEEL ENTRANCE HANDLESETS



Zeus Style
Part # S40001/
S40002/4814/4824



Standard interior trim
Part # S40001/S40002/4814/4824

Additional Dimensions: (Part # S40001/S40002)

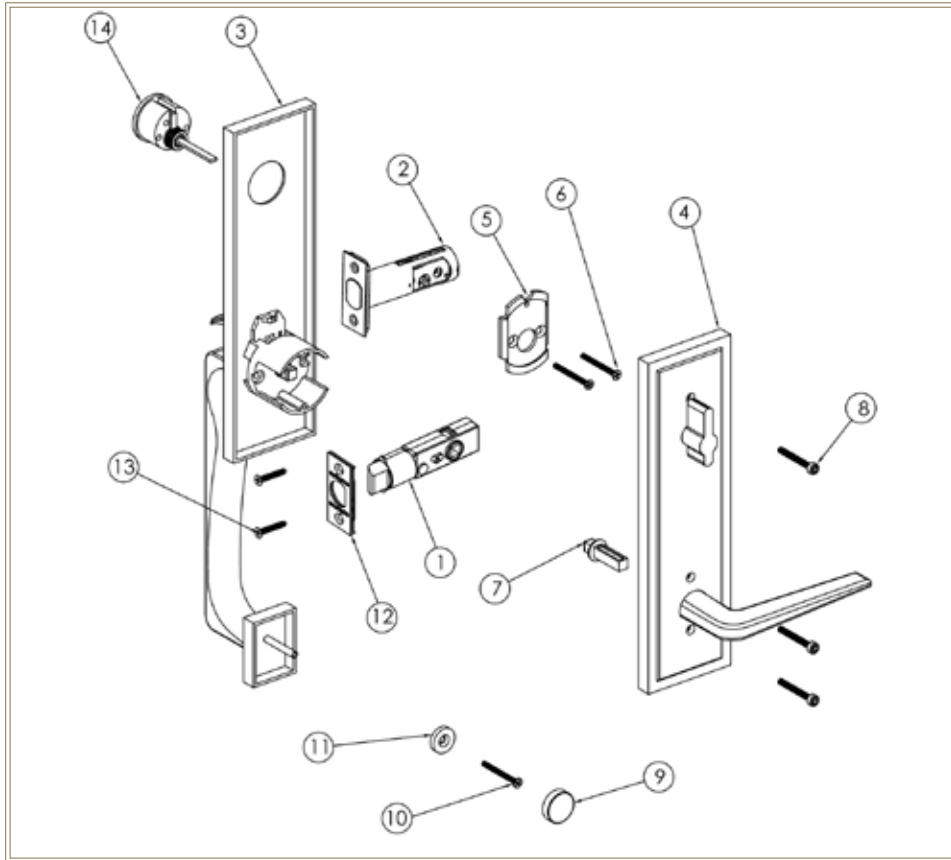
- Exterior Projection is $2\frac{1}{2}$ "
- Interior Projection Depends on Handle Style
- Overall Grip thickness: $1\frac{1}{16}$ "
- Clearance between door & grip ranges 1" - $1\frac{3}{8}$ "
- Plates thickness: $\frac{7}{16}$ "

- Refer to the following page for Door Thickness Specifications
- Same dimensions for dummy function

STAINLESS STEEL ENTRYSET SPECIFICATIONS

Door Prep Specifications:

- Fits standard door prep--2 $\frac{1}{8}$ " face bore & 1" edge bore.
- Fits a range of door thickness from 1 $\frac{3}{8}$ " to 2". (2 $\frac{1}{4}$ "- 2 $\frac{3}{4}$ ", Please specify)
- 5 $\frac{1}{2}$ " Center to Center spacing.



Latches:

Passage:

- 28° retraction
- 7MM hub
- Split spindles
- 2 $\frac{3}{8}$ " backset standard
- 2 $\frac{3}{4}$ " backset available--please specify
- Stainless steel nosebolt

Deadbolt:

- Hardened Steel Bolt
- 2 $\frac{3}{8}$ " backset standard
- 2 $\frac{3}{4}$ " backset available--please specify

Strike & Face Plates:

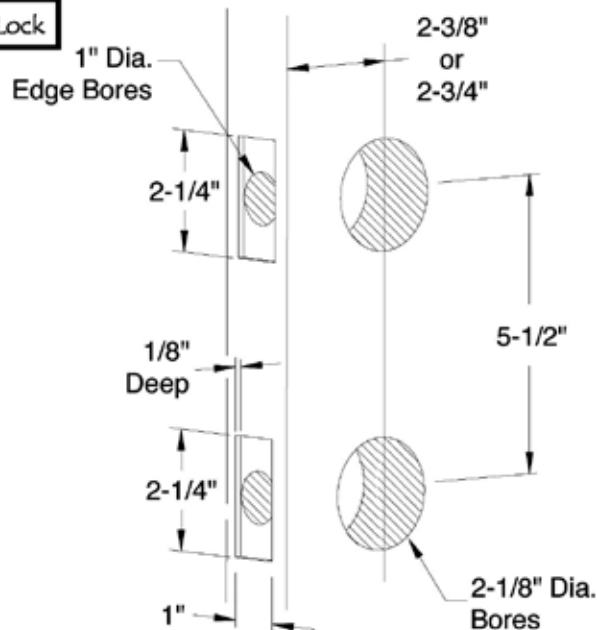
- Full Lip strike is standard (passage function)
- "T" strike optional--please specify (passage function)
- Strike & faceplates are square cornered
- Passage: Strike Plate--1 $\frac{1}{2}$ "W x 2 $\frac{1}{4}$ "H, Deadbolt:1 $\frac{1}{8}$ "W x 2 $\frac{3}{4}$ "H (understrike supplied)
- Passage: Face Plate--1"W x 2 $\frac{1}{4}$ "H, Deadbolt:1"W x 2 $\frac{1}{4}$ "H (attached to latch)

Legend

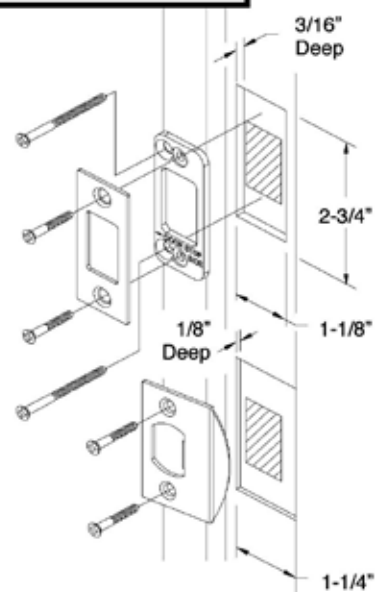
- 1) Passage Latch
- 2) Deadbolt Latch
- 3) Outside Handle Plate
- 4) Inside Plate
- 5) Deadbolt Mounting Plate
- 6) Deadbolt Machine Screws
- 7) Inside Spindle
- 8) Inside Plate Machine Screws
- 9) Decorative Cap
- 10) Handle Grip Machine Screw
- 11) Designer Washer
- 12) Latch Face Plate
- 13) Latch Wood Screws
- 14) Deadbolt Cylinder

Installation Instructions-Tubular Monolithic Entry Set - Single Cylinder Deadbolt

Door Prep - Active Lock

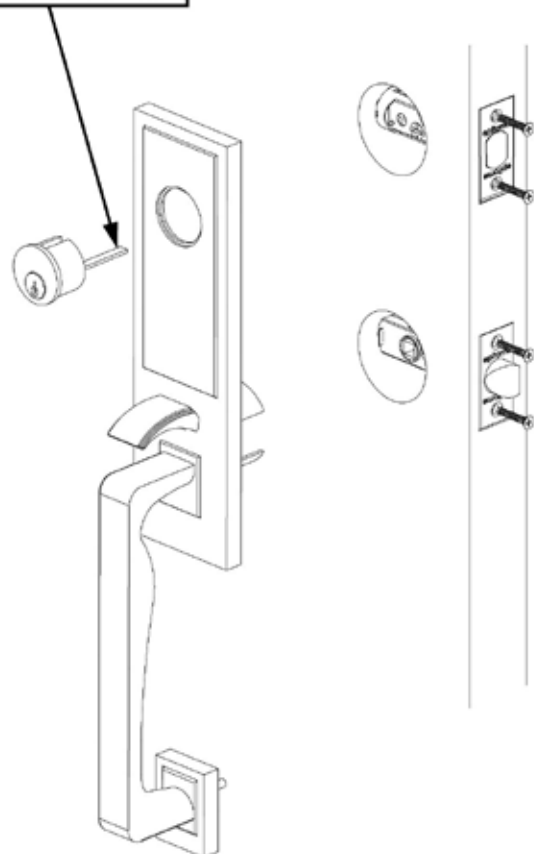


Door Jamb for Active Locks

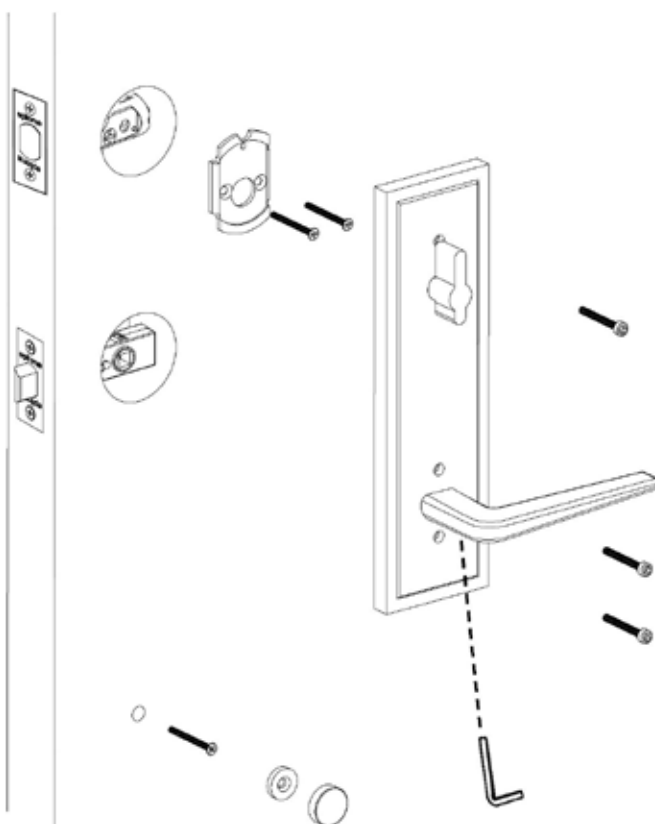


Outside Trim

Tailpiece Horizontal



Inside Trim



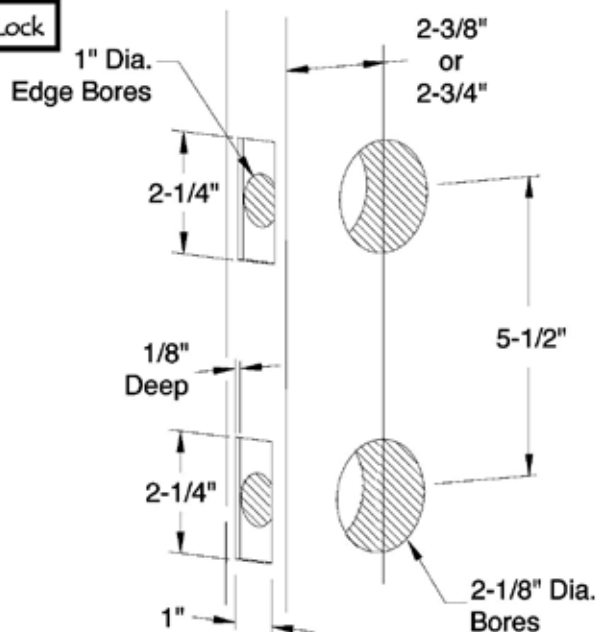
After lock has been installed tighten set screw with allen wrench.

Plates and grip vary depending on style.

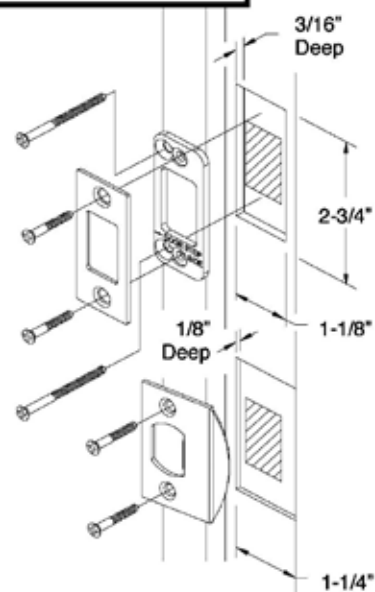
epitome[®]
ASSA ABLOY

Installation Instructions-Tubular Monolithic Entry Set - Double Cylinder Deadbolt

Door Prep - Active Lock

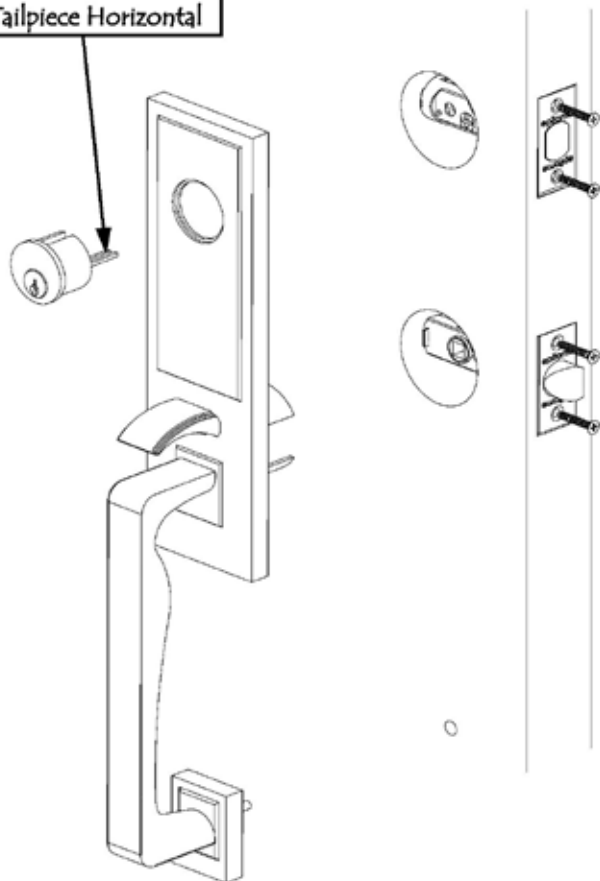


Door Jamb for Active Locks



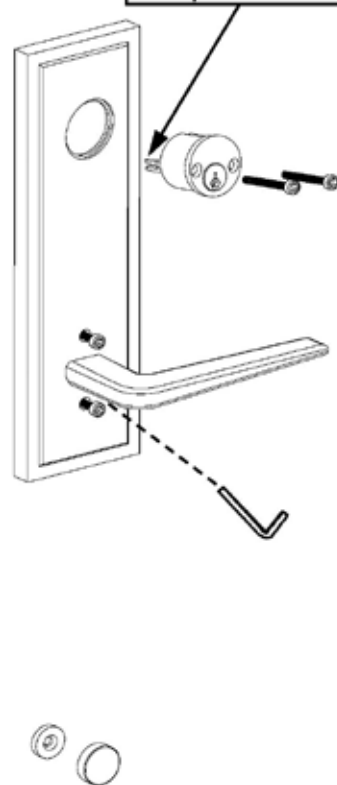
Outside Trim

Tailpiece Horizontal



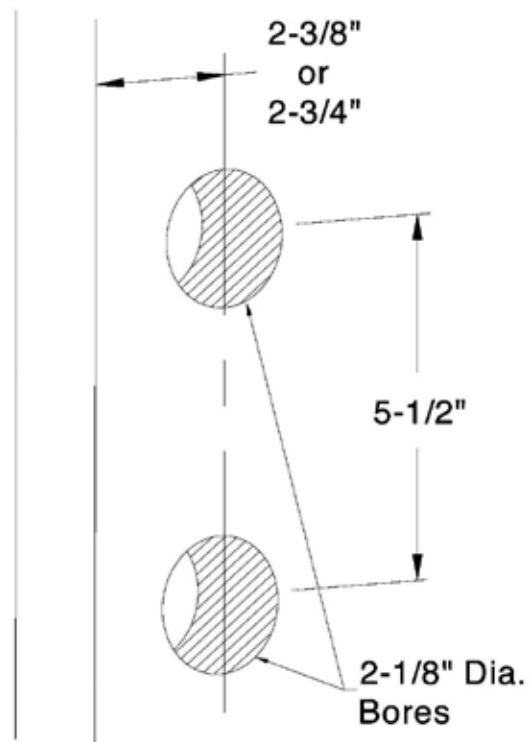
Inside Trim

Tailpiece Vertical

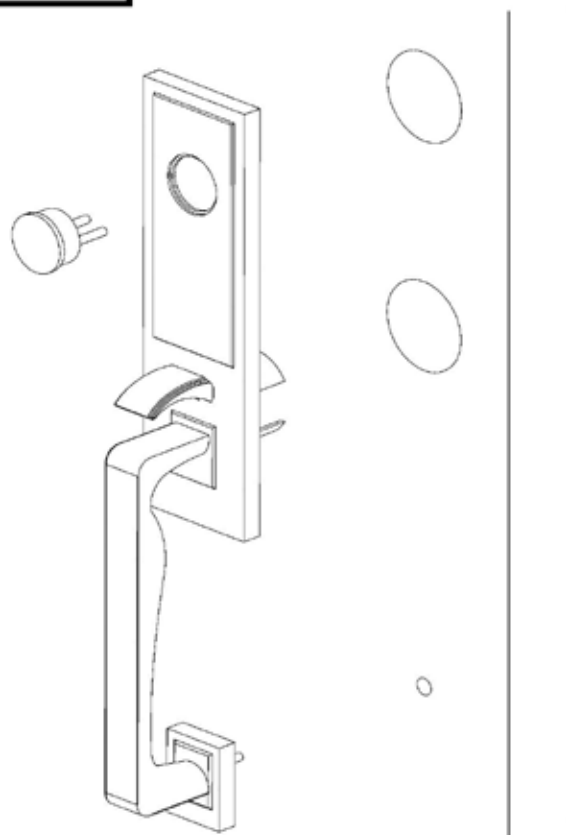


epitome[®]
ASSA ABLOY

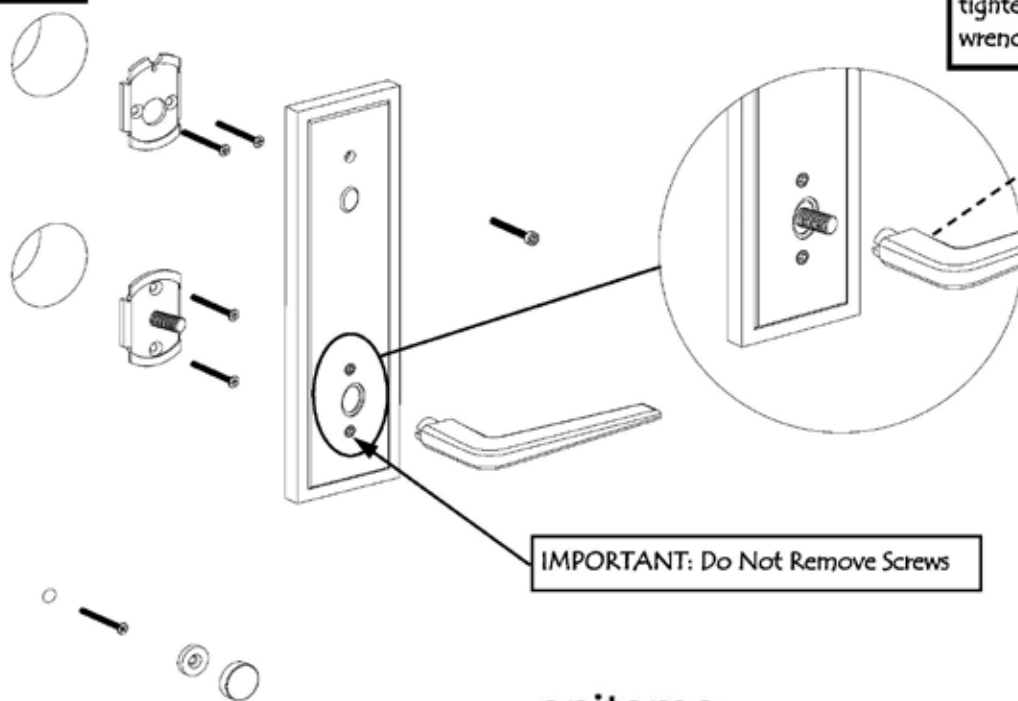
Door Prep - Active Lock



Outside Trim

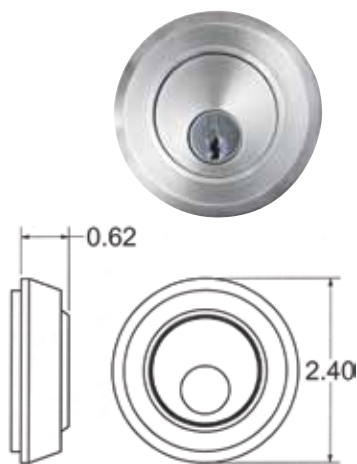


Inside Trim

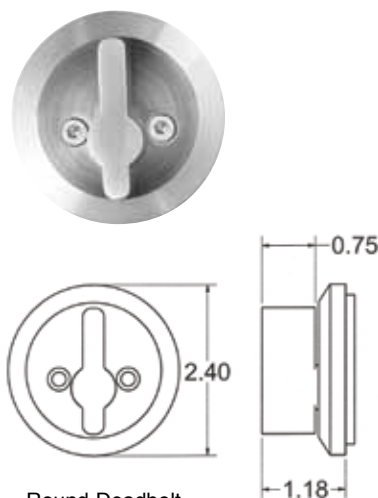


epitome[®]
ASSA ABLOY

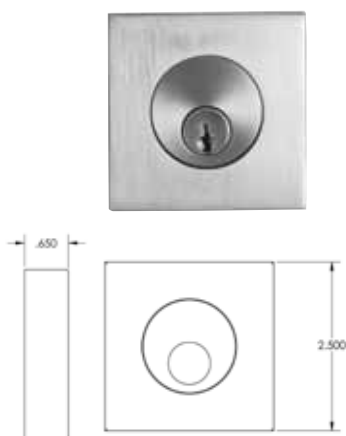
STAINLESS STEEL DEADBOLTS



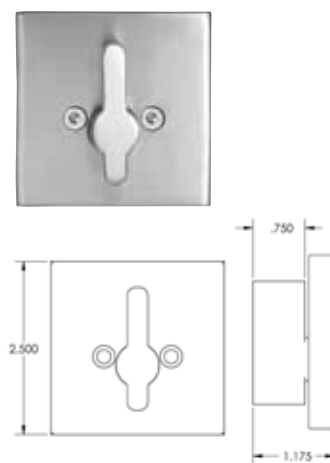
Round Deadbolt
Single Cylinder
Part # S50001



Round Deadbolt
Double Cylinder
Part # S50002



Square Deadbolt
Single Cylinder
Part # S50003



Square Deadbolt
Double Cylinder
Part # S50023

EPITOME Round & Square Deadbolts, Single Cylinder

Round (S50001) & Square (S50003)

- Standard Door Thickness: 1³/₈"- 2"
- Standard Components:
- Single Cylinder Tailpiece
- 2¹/₄" Socket Head Machine Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2"- 2¹/₂"
- Extended Components:
- Long Cylinder Tailpiece
- 2¹/₂" & 3" Socket Head Machine Screws
- Deadbolt Strike Plate

- **Extended** Door Thickness: 2¹/₂"- 2³/₄"
- Extended Components:
- Extra Long Cylinder Tailpiece
- 3¹/₂" Socket Head Machine Screws
- Deadbolt Strike Plate

EPITOME Round & Square Deadbolts, Double Cylinder

Round (S50002) & Square (S50023)

- Standard Door Thickness: 1³/₈"- 2"
- Standard Components:
- Double Cylinder Tailpiece
- 2¹/₄" Socket Head Machine Screws
- Deadbolt Strike Plate

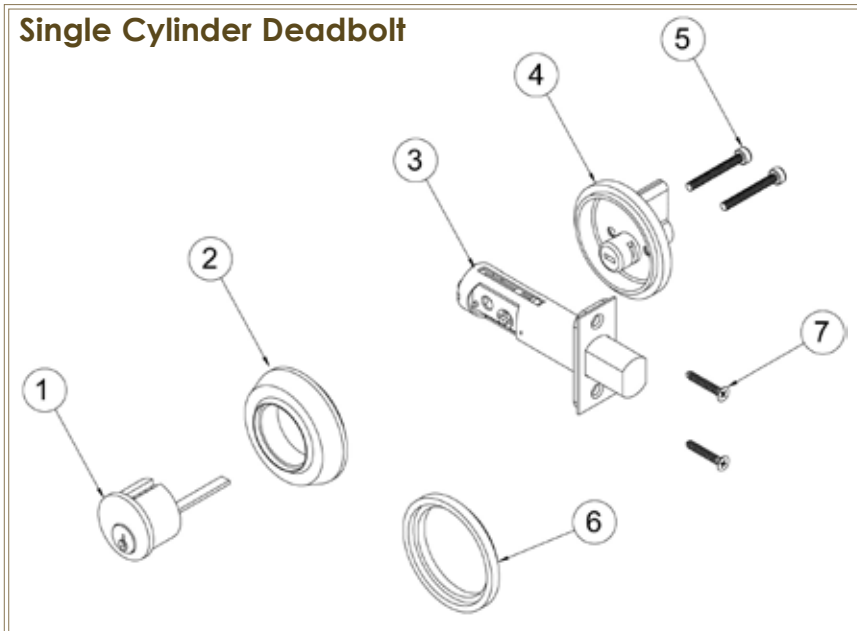
- **Extended** Door Thickness: 2"- 2¹/₂"
- Extended Components:
- Long Double Cylinder Tailpiece
- 3" Socket Head Machine Screws
- Deadbolt Strike Plate

DEADBOLT SPECIFICATIONS

Door Prep Specifications:

- Fits standard door prep--2 $\frac{1}{8}$ " face bore & 1" edge bore.
- Fits a range of door thickness from 1 $\frac{3}{8}$ " to 2". Thicker doors--please specify.

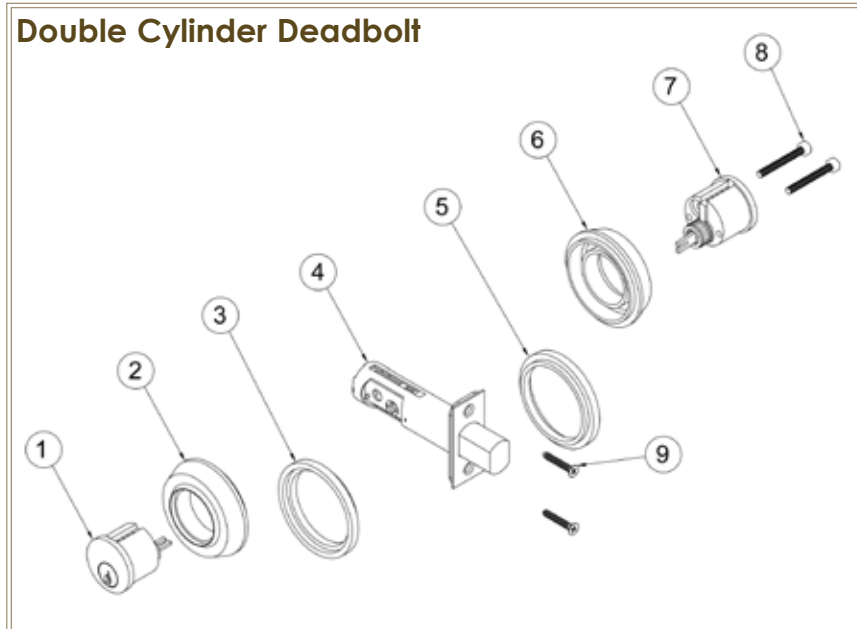
Single Cylinder Deadbolt



Legend

- 1) Deadbolt Cylinder
- 2) Outside Rosette
- 3) Deadbolt Latch
- 4) Inside Rosette with Thumbturn
- 5) Socket Head Machine Screws
- 6) Deadbolt Ring (for Thinner Doors)
- 7) Latch Wood Screws

Double Cylinder Deadbolt



Legend

- 1) Outside Double Deadbolt Cylinder
- 2) Outside Rosette
- 3) Outside Deadbolt Ring (for Thinner Doors)
- 4) Deadbolt Latch
- 5) Inside Deadbolt Ring (for Thinner Doors)
- 6) Inside Rosette
- 7) Inside Double Deadbolt Cylinder
- 8) Socket Head Machine Screws
- 9) Latch Wood Screws

Latches:

Deadbolt:

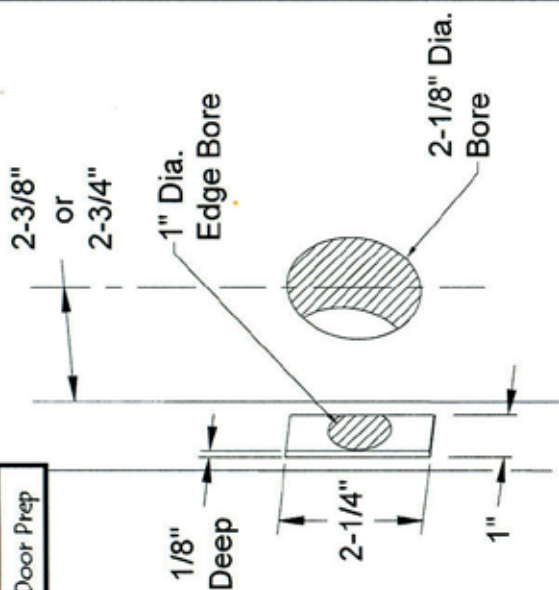
- Hardened Steel Bolt
- 2 $\frac{3}{8}$ " backset standard
- 2 $\frac{3}{4}$ " backset available--please specify
- Heavy gauge steel understrike and brass trim strike supplied

Strike & Face Plates:

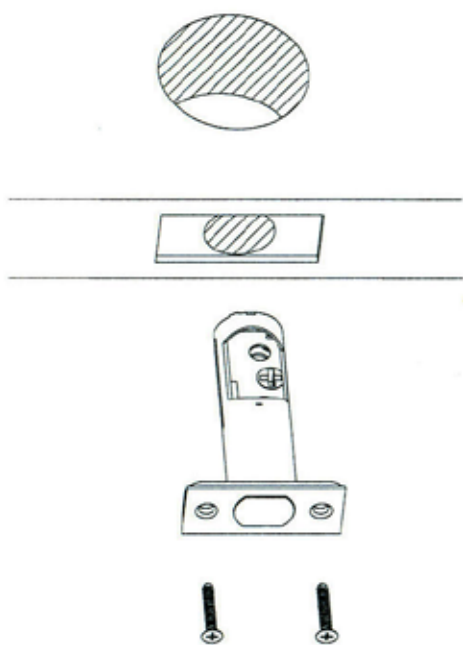
- Strike & faceplates are square cornered
- Strike Plate-- 1 $\frac{1}{8}$ "W x 2 $\frac{3}{4}$ "H
- Face Plate-- 1"W x 2 $\frac{1}{4}$ "H (attached to latch)
- Understrike Plate--1 $\frac{1}{8}$ "W x 2 $\frac{3}{4}$ "H
- See page 17 for detailed diagram

Installation Instructions-Single Cylinder Deadbolts

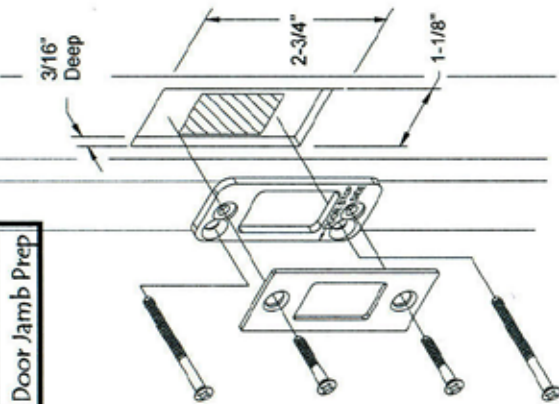
Door Prep



Install Bolt

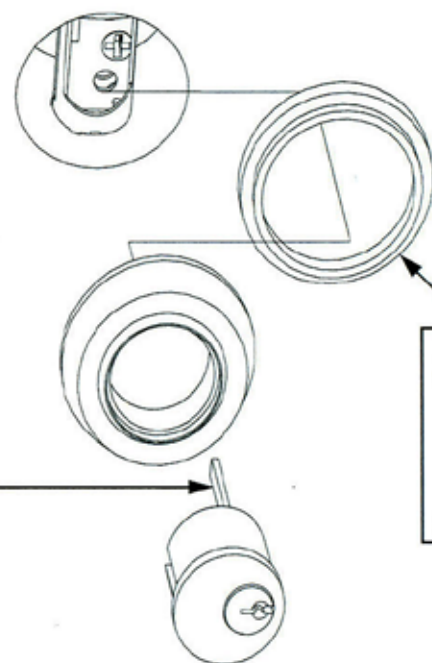


Door Jamb Prep



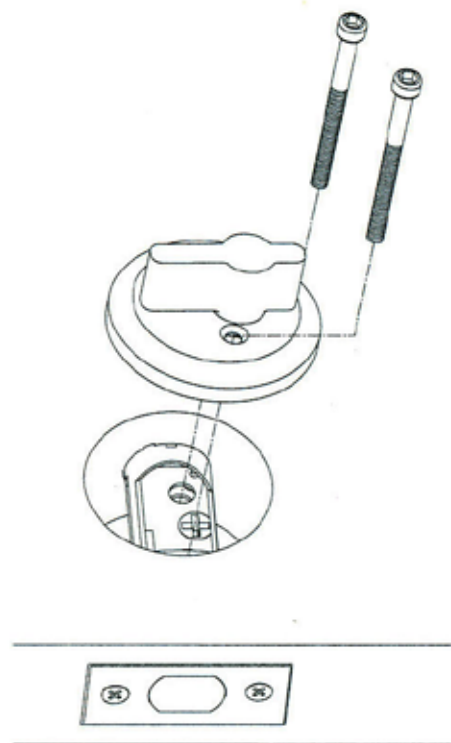
Outside

Tailpiece Horizontal

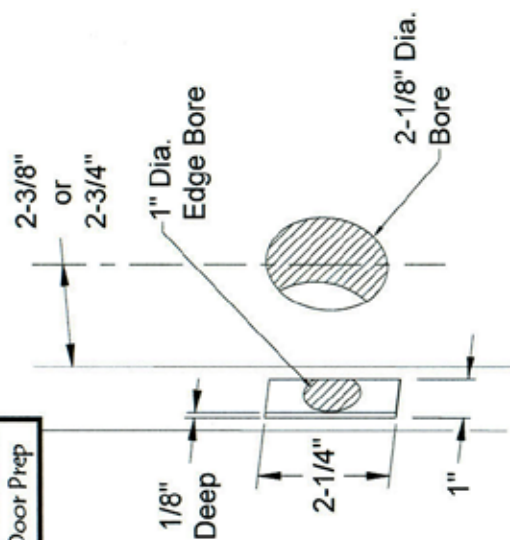


Use spacer on thin doors

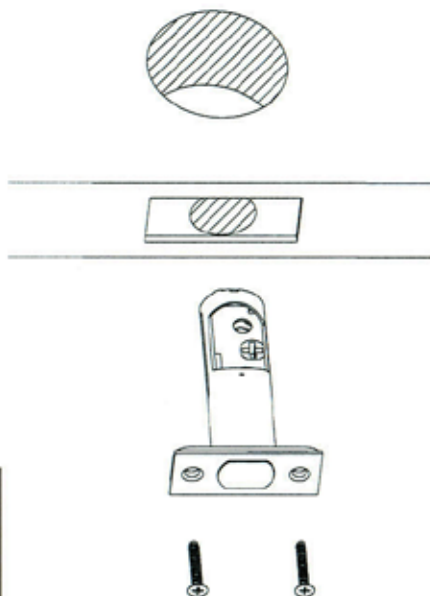
Inside



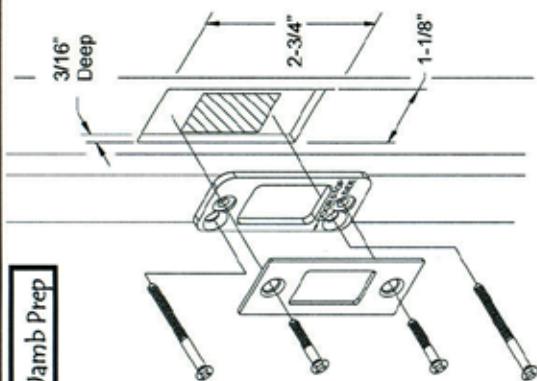
Door Prep



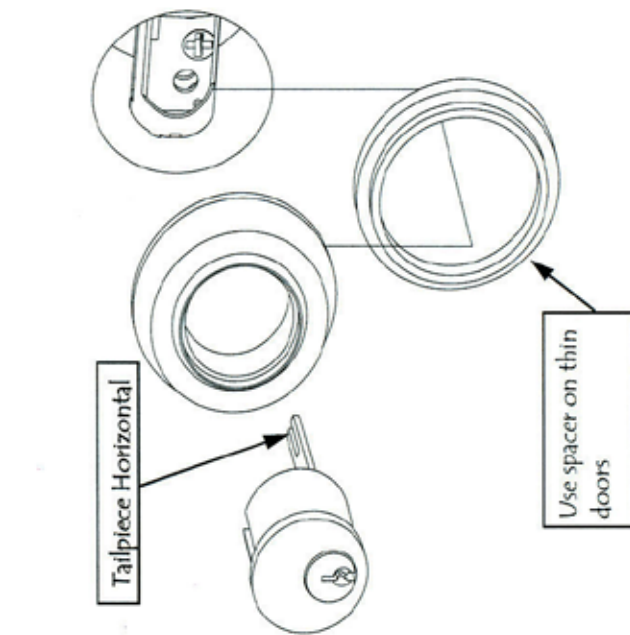
Install Bolt



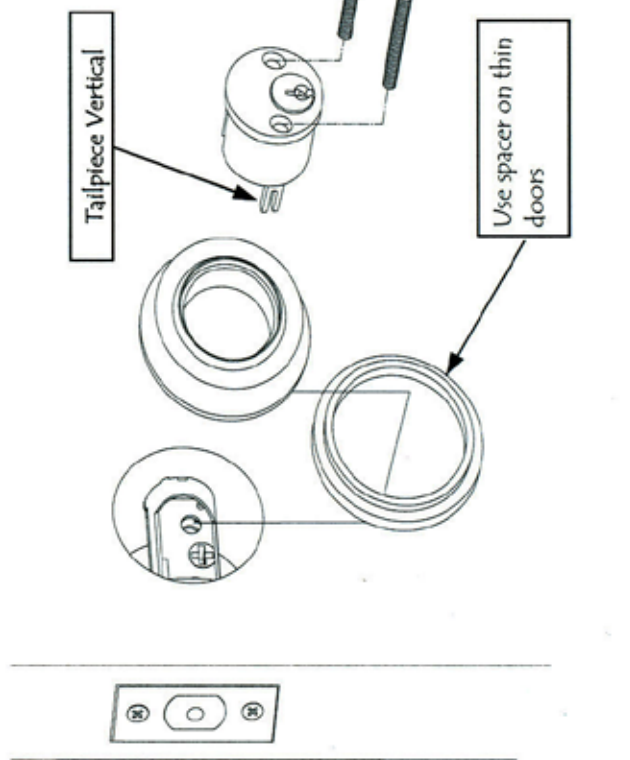
Door Jamb Prep



Outside

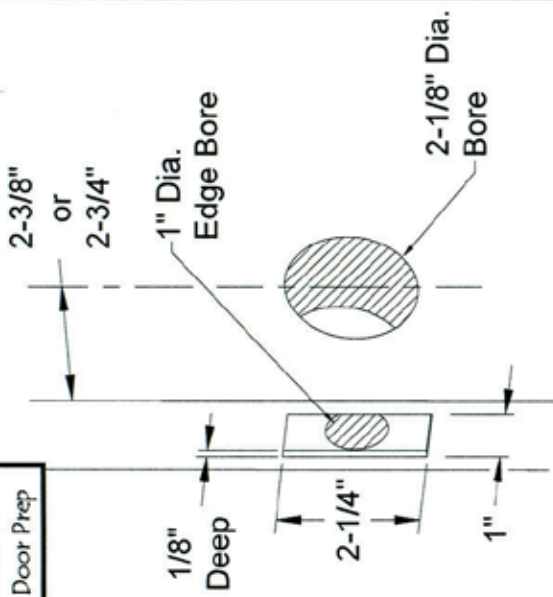


Inside

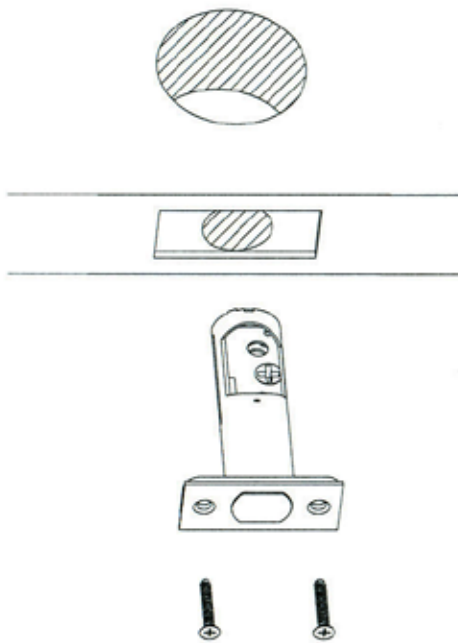


Installation Instructions-Single Sided Deadbolts

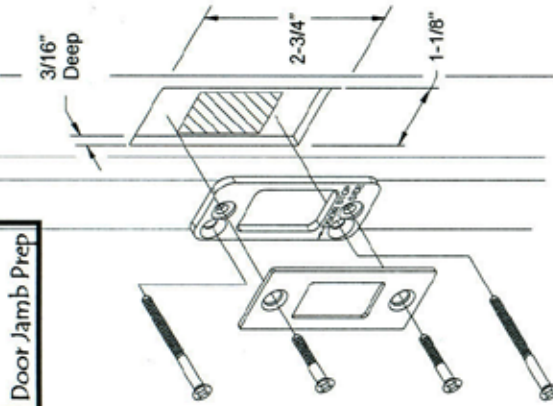
Door Prep



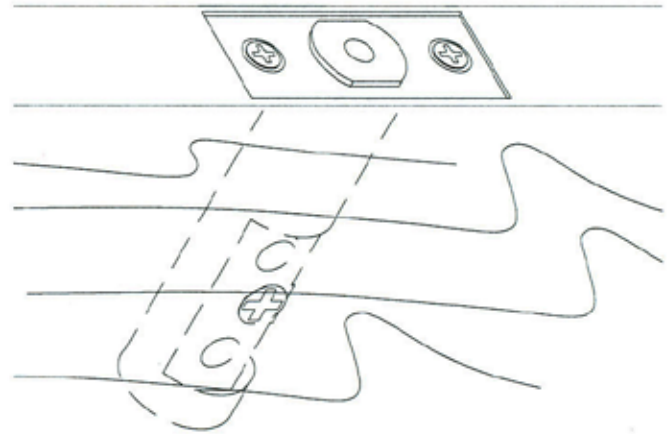
Install Bolt



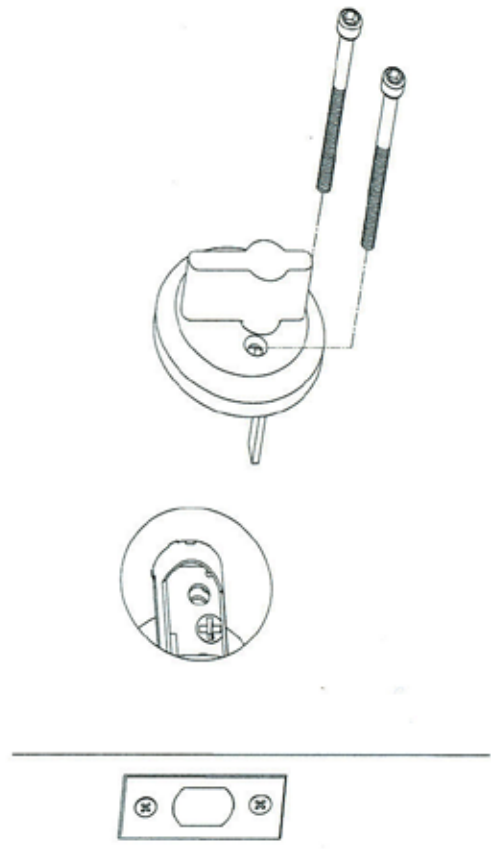
Door Jamb Prep



Outside



Inside



STAINLESS STEEL LEVERSETS



Door Thickness Specifications

• Standard Door Thickness: 1³/₈" - 2"
Standard Components:
• Privacy Pin (for privacy sets)
• Inside Passage Half Spindle
• 1¹/₂" Socket Head Machine Screws
• Full-Lip Strike Plate

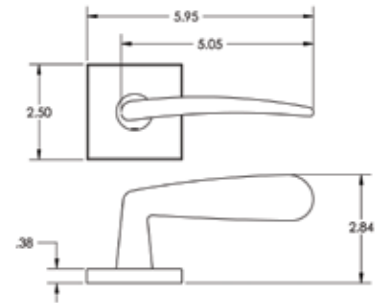
• **Extended** Door Thickness: 2" - 2¹/₂"
Extended Components:
• Privacy Pin w/ Extension (for privacy sets)
• Long Inside Passage Half Spindle
• 2" Socket Head Machine Screws
• Extended Full-Lip Strike Plate

• **Extended** Door Thickness: 2¹/₂" - 2³/₄"
Extended Components:
• Privacy Pin w/ Extension (for privacy sets)
• Long Inside Passage Half Spindle
• 2¹/₂" Socket Head Machine Screws
• Extended Full-Lip Strike Plate

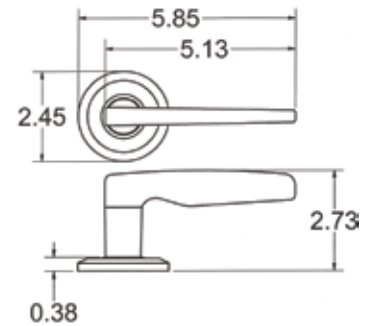
STAINLESS STEEL LEVERSETS



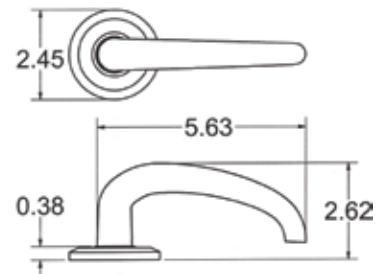
Poseidon (PO)



Hermes (HE)



Achilles (AC)



Door Thickness Specifications

- Standard Door Thickness: 1³/₈" - 2"
- Standard Components:
 - Privacy Pin (for privacy sets)
 - Inside Passage Half Spindle
 - 1¹/₂" Socket Head Machine Screws
 - Full-Lip Strike Plate

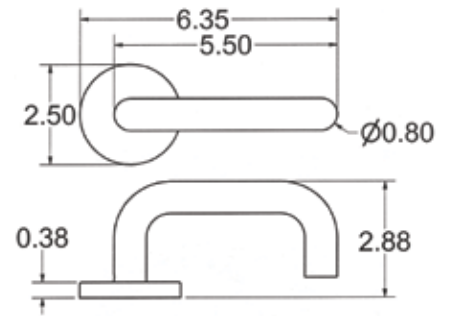
- **Extended** Door Thickness: 2" - 2¹/₂"
- Extended Components:
 - Privacy Pin w/ Extension (for privacy sets)
 - Long Inside Passage Half Spindle
 - 2" Socket Head Machine Screws
 - Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2¹/₂" - 2³/₄"
- Extended Components:
 - Privacy Pin w/ Extension (for privacy sets)
 - Long Inside Passage Half Spindle
 - 2¹/₂" Socket Head Machine Screws
 - Extended Full-Lip Strike Plate

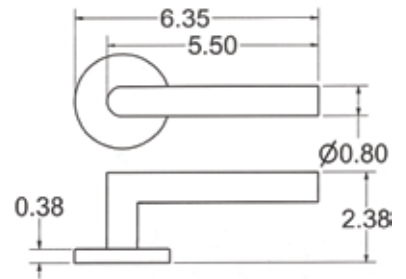
STAINLESS STEEL LEVERSETS



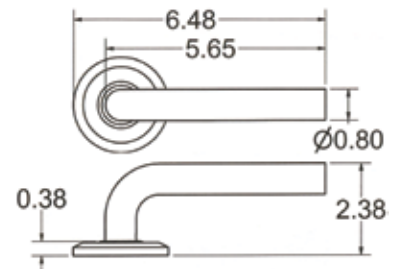
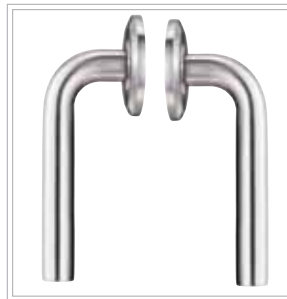
Cologne (CO)



Stuttgart (ST)



Kiel (KL)



Door Thickness Specifications

- Standard Door Thickness: 1³/₈" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1¹/₂" Socket Head Machine Screws
- Full-Lip Strike Plate

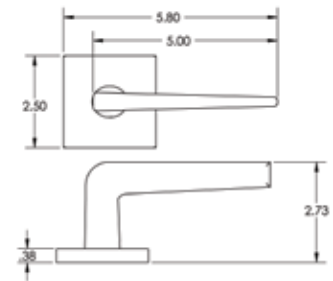
- **Extended** Door Thickness: 2" - 2¹/₂"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Socket Head Machine Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2¹/₂" - 2³/₄"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2¹/₂" Socket Head Machine Screws
- Extended Full-Lip Strike Plate

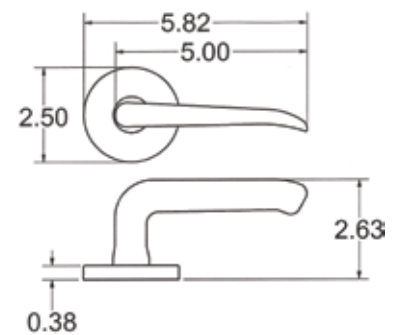
STAINLESS STEEL LEVERSETS



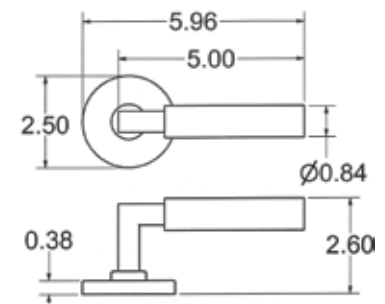
Athena (AT)



Ajax (AJ)



Hercules (HS)



Door Thickness Specifications

- Standard Door Thickness: 1³/₈" - 2"
- Standard Components:
- Privacy Pin (for privacy sets)
- Inside Passage Half Spindle
- 1¹/₂" Socket Head Machine Screws
- Full-Lip Strike Plate

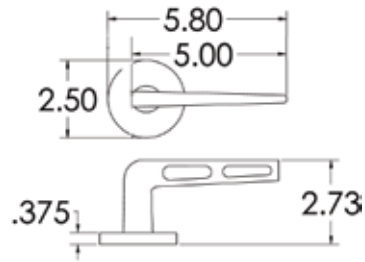
- **Extended** Door Thickness: 2" - 2¹/₂"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2" Socket Head Machine Screws
- Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2¹/₂" - 2³/₄"
- Extended Components:
- Privacy Pin w/ Extension (for privacy sets)
- Long Inside Passage Half Spindle
- 2¹/₂" Socket Head Machine Screws
- Extended Full-Lip Strike Plate

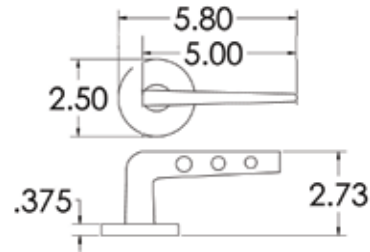
STAINLESS STEEL LEVER & KNOBSETS



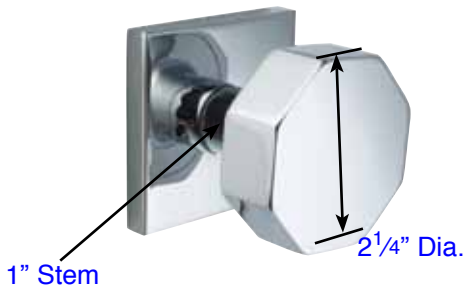
Comet (CT)



Meteor (MT)

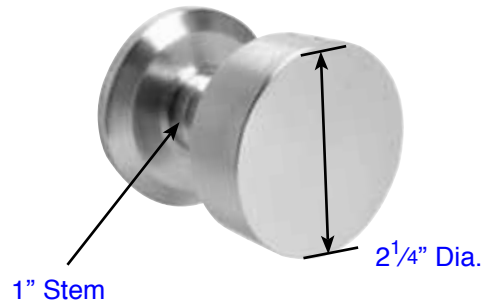


2 1/2" Projection



Octagon Knob (OK)

2 11/16" Projection



Round Knob (RK)

Door Thickness Specifications

- Standard Door Thickness: 1 3/8" - 2"
- Standard Components:
 - Privacy Pin (for privacy sets)
 - Inside Passage Half Spindle
 - 1 1/2" Socket Head Machine Screws
 - Full-Lip Strike Plate

- **Extended** Door Thickness: 2" - 2 1/2"
- Extended Components:
 - Privacy Pin w/ Extension (for privacy sets)
 - Long Inside Passage Half Spindle
 - 2" Socket Head Machine Screws
 - Extended Full-Lip Strike Plate

- **Extended** Door Thickness: 2 1/2" - 2 3/4"
- Extended Components:
 - Privacy Pin w/ Extension (for privacy sets)
 - Long Inside Passage Half Spindle
 - 2 1/2" Socket Head Machine Screws
 - Extended Full-Lip Strike Plate

STAINLESS STEEL LEVERSET SPECIFICATIONS

Functions:

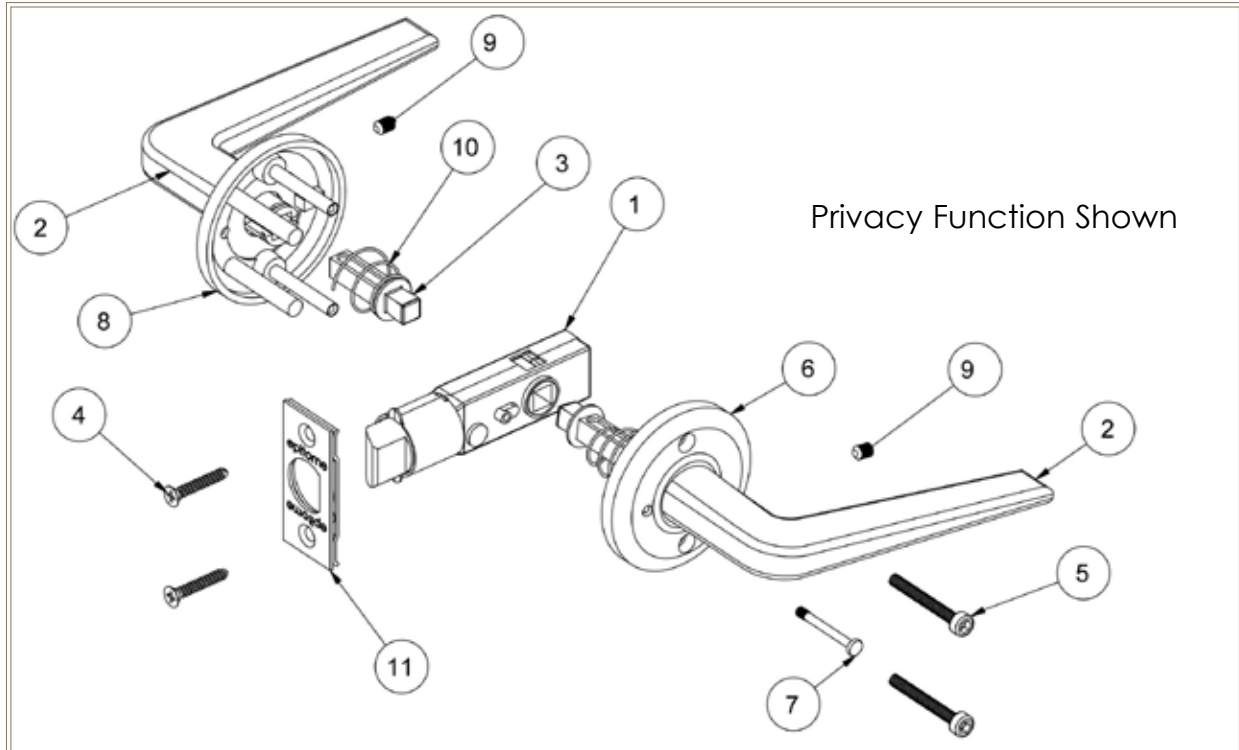
Passage: Lever operates from either side of door.

Privacy: Push button on the interior engages privacy. Turning the inside lever releases privacy and retracts latchbolt.

Dummy Pair: Surface mounted on threaded spindle. Requires no door prep.

Door Prep Specifications:

- Fits standard door prep--2 $\frac{1}{8}$ " face bore & 1" edge bore.
- Fits a range of door thickness from 1 $\frac{3}{8}$ " to 2". Thicker doors--please specify.



Latches:

- 28° retraction
- 7MM hub
- Split spindles
- 2 $\frac{3}{8}$ " backset standard
- 2 $\frac{3}{4}$ " backset available--please specify
- Stainless steel nosebolt

Strike & Face Plates:

- Strike Plate--1 $\frac{1}{2}$ "W x 2 $\frac{1}{4}$ "H
- Face Plate--1"W x 2 $\frac{1}{4}$ "H
- Full Lip strike is standard
- "T" strike optional--please specify
- Strike & faceplates are square cornered

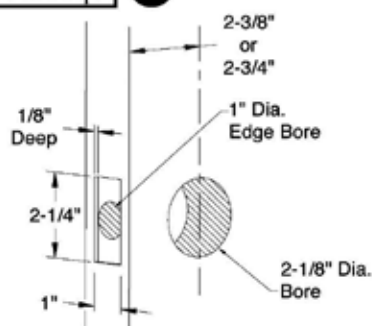
Legend

- 1) Latch (Passage/Privacy)
- 2) Lever Handles
- 3) Spindles
- 4) Face Plate Wood Screws
- 5) Socket Hex Head Machine Screws
- 6) Inside Rosette
- 7) Privacy Pin (for Privacy Sets)
- 8) Outside Rosette
- 9) Set Screws
- 10) Spindle Spring
- 11) Latch Face Plate

Installation Instructions-Privacy or Passage - Lever

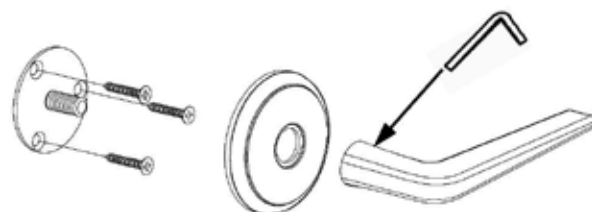
Passage/Private Door Prep.

1



Dummy Set

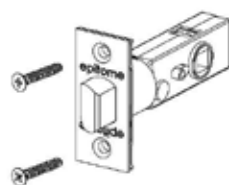
Surface Mounted, No bore Hole



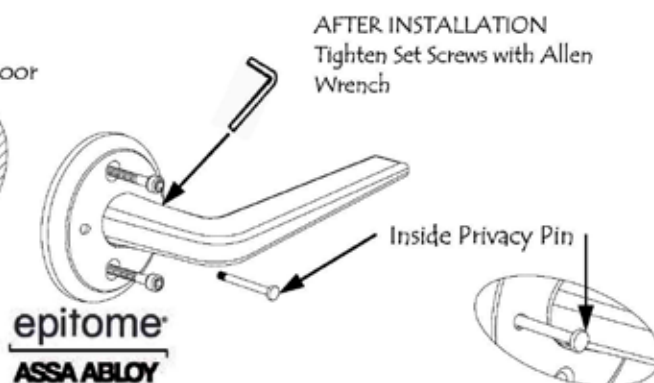
Passage/Privacy Set

2

Install Latch, Rotate Latch As Required



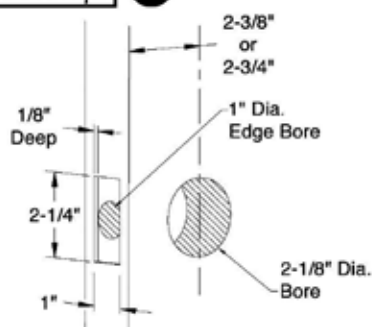
Inside Of Door



Installation Instructions-Privacy or Passage - Lever

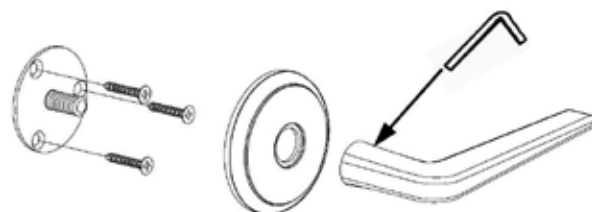
Passage/Private Door Prep.

1



Dummy Set

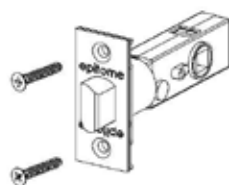
Surface Mounted, No bore Hole



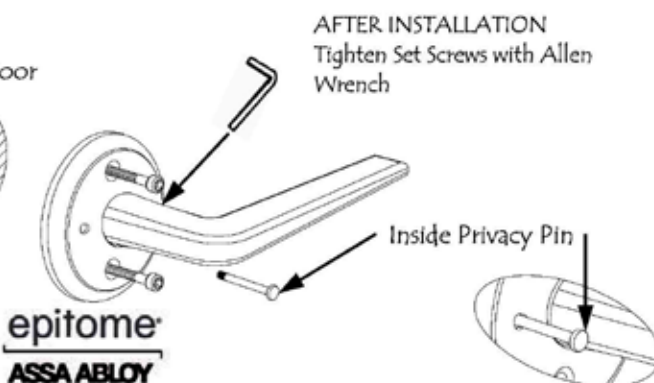
Passage/Privacy Set

2

Install Latch, Rotate Latch As Required

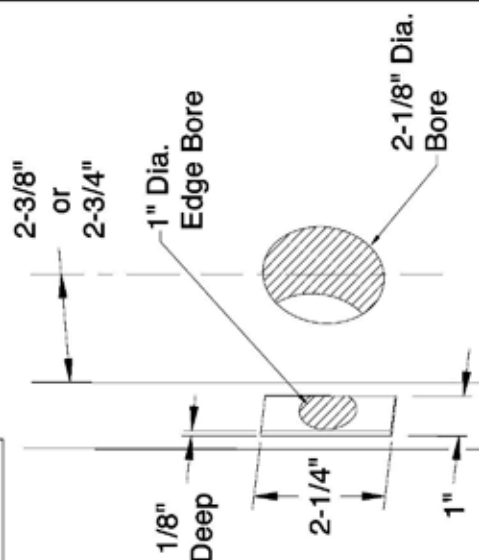


Inside Of Door

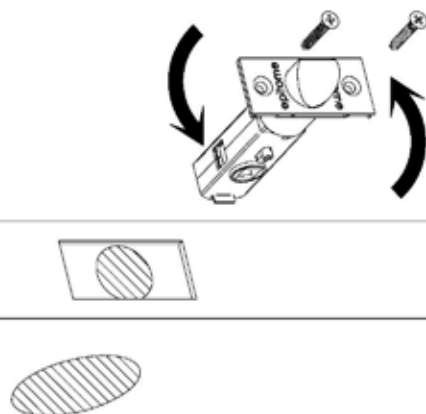


Installation Instructions - Epitome Brite Handle

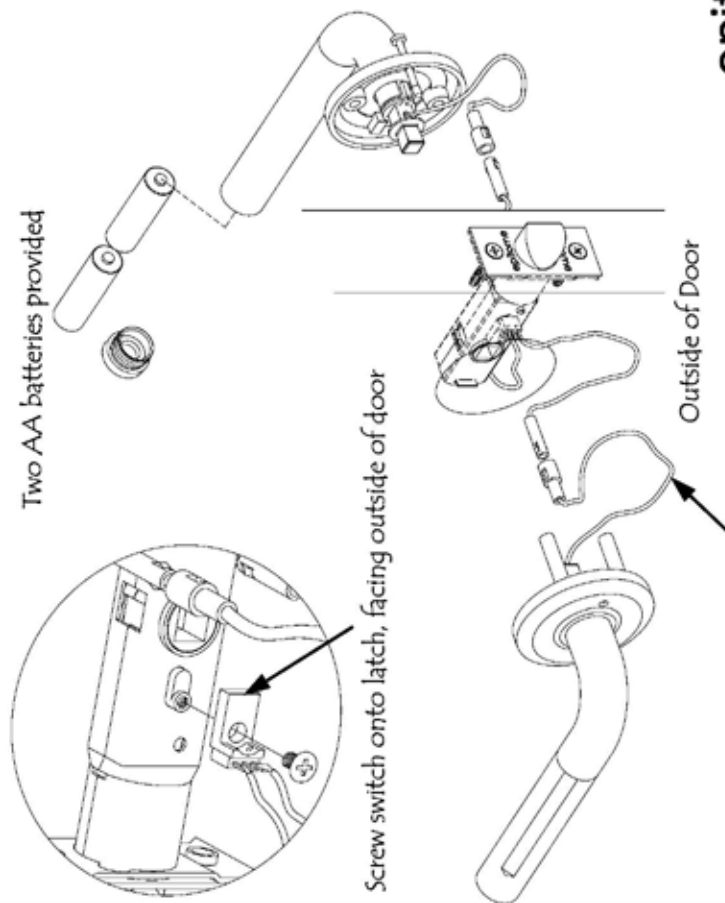
Door Prep.



Install latch, rotate latch as required



Two AA batteries provided

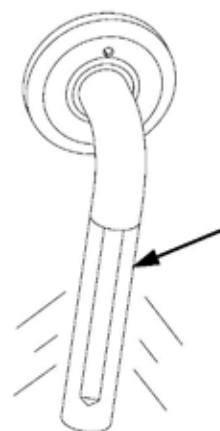


Screw switch onto latch, facing outside of door

Outside of Door

Tuck all wires toward rear of latch

Outside of Door

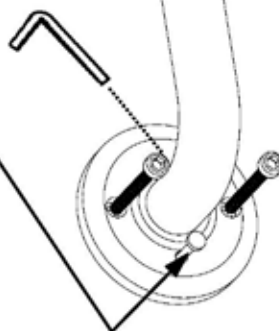


Locking door will light up outside handle

Inside of Door

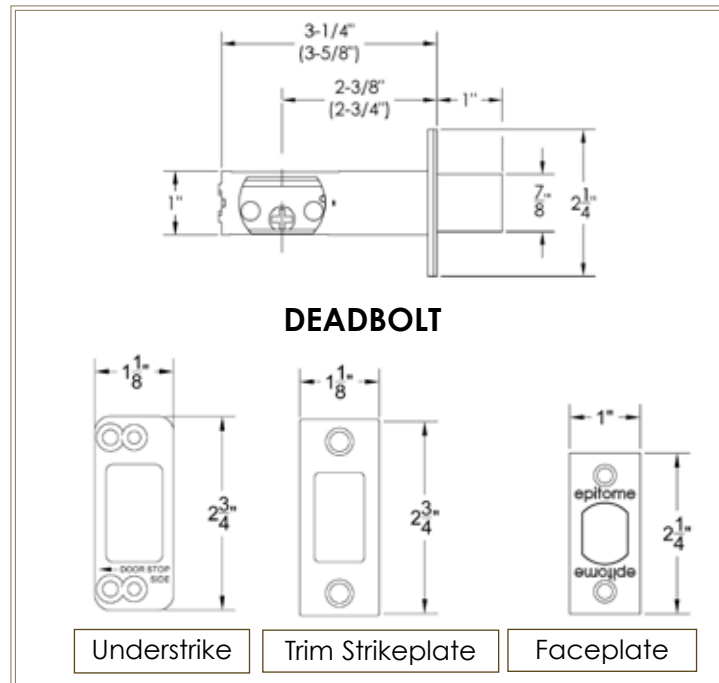
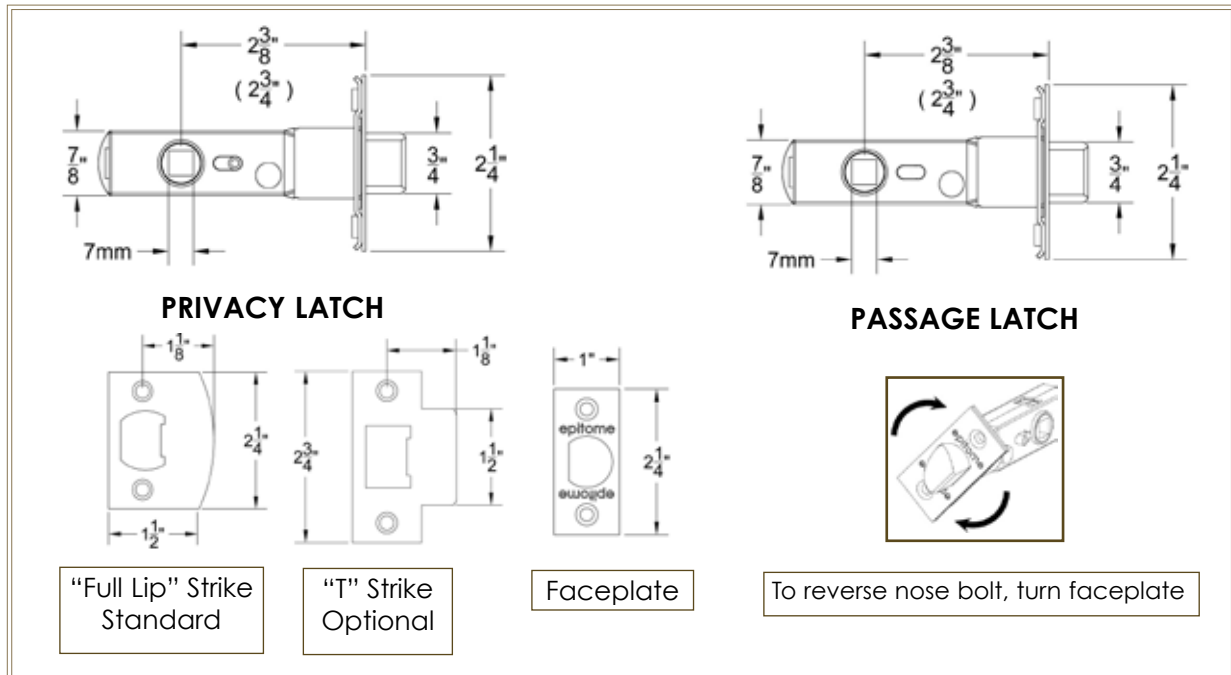


AFTER INSTALLATION
Tighten Set Screws with Allen
Wrench



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ASSA ABLOY

STAINLESS STEEL LATCH & STRIKE SPECIFICATIONS

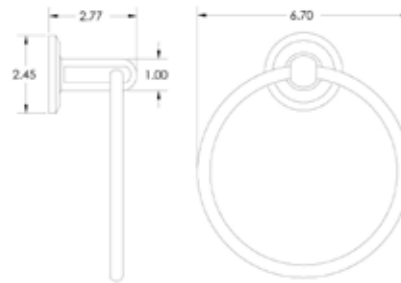
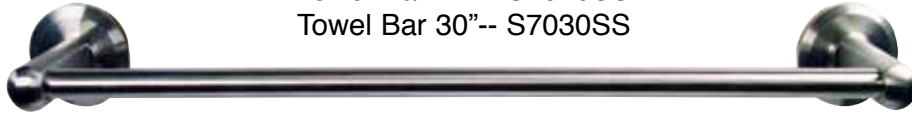


STAINLESS STEEL BATH HARDWARE

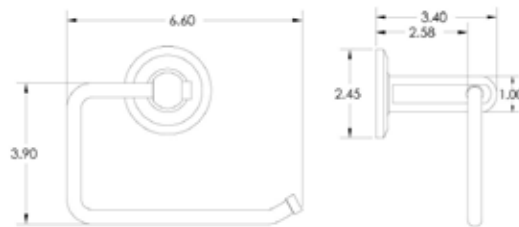
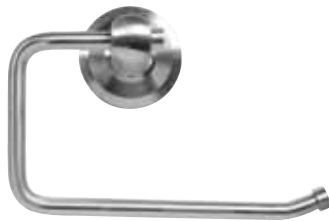
Towel Bar 18"-- S7010SS

Towel Bar 24"-- S7020SS

Towel Bar 30"-- S7030SS



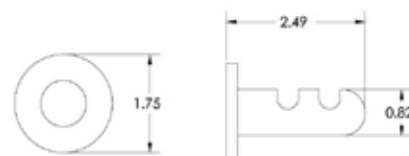
Towel Ring -- S7300SS



Bar Style Paper Holder -- S7210SS



Spring Rod Paper Holder -- S7220SS

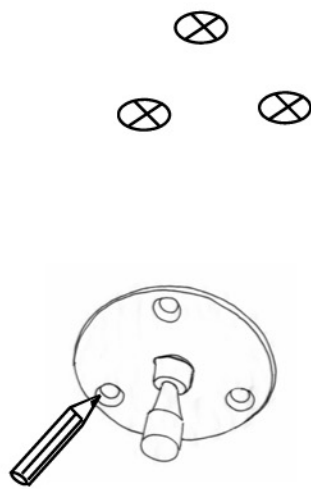


Robe Hook with Disk Rosette -- S7100SS

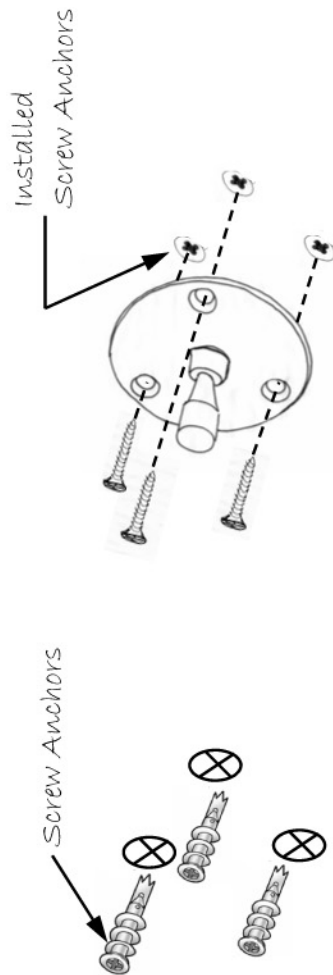
EMTEK PRODUCTS INC.

Phone No: (800) 356-2741 • (800) 428-4889 • (626) 961-0413 Fax No: (800) 577-5771 • (626) 336-2812

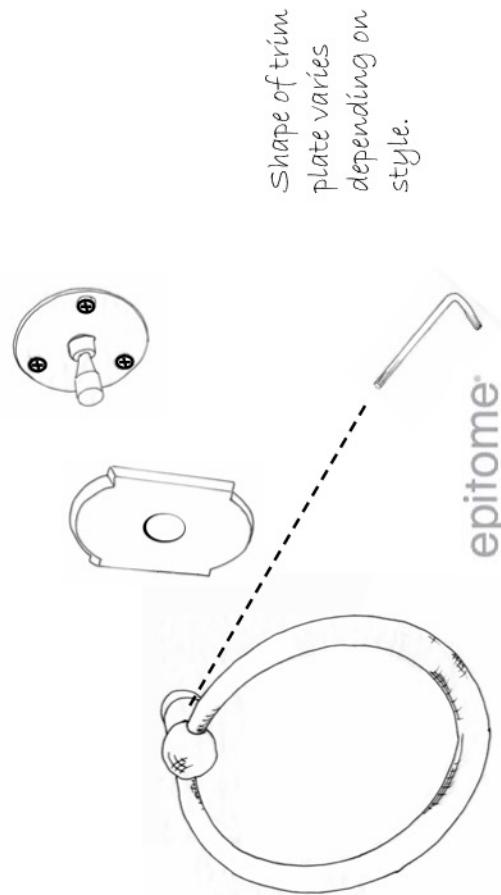
- 1 Mark three hole locations for the mounting plate.



- 2 Use a screw driver to install three Screw Anchors into the wall. Install mounting plate on top of the Screw Anchors. Attach with sheet metal screws provided.



- 3 Slip trim plate and ring post over the stud on the mounting plate. Tighten set screw at base of post with allen wrench provided

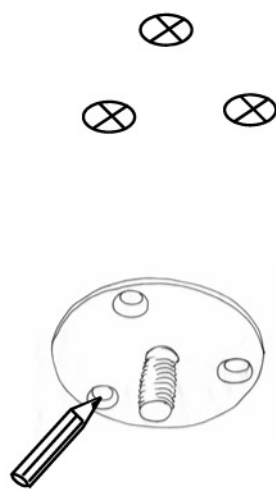


epitome

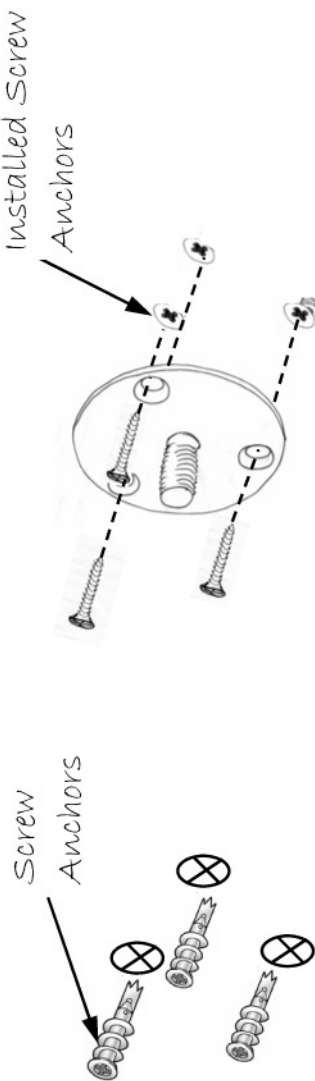
ASSA ABLOY

Toilet Paper Holder - Installation Instructions

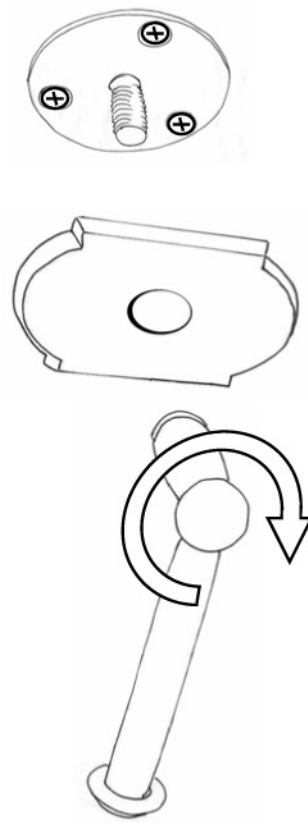
- 1 Mark three hole locations for the mounting plate.



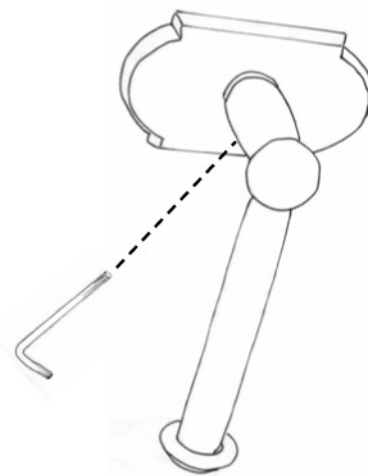
- 2 Use a screw driver to install three Screw Anchors into the wall. Install mounting plate on top of the Screw Anchors. Attach with sheet metal screws provided.



- 3 Slip trim plate over the threaded stud on the mounting plate. Thread TP Holder onto the threaded stud until tight against trim plate.



- 4 Tighten set screw at base of post with allen wrench provided. Holder may be mounted vertically or horizontally.



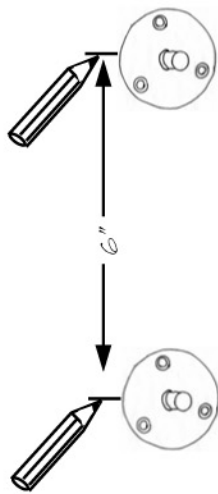
Shape of trim plate varies depending on style.

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ASSA ABLOY

Toilet Paper Holder with Spring Rod - Installation Instructions

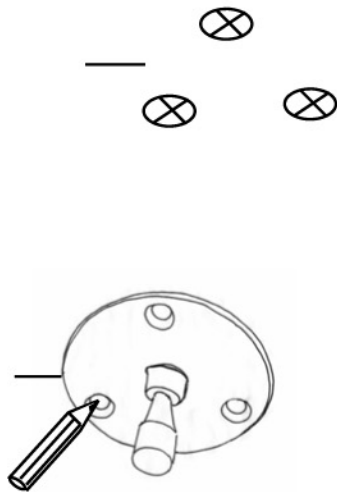
1

Make two marks on wall to locate center of mounting plates. Center to center spacing for mounting plates is 6 inches.



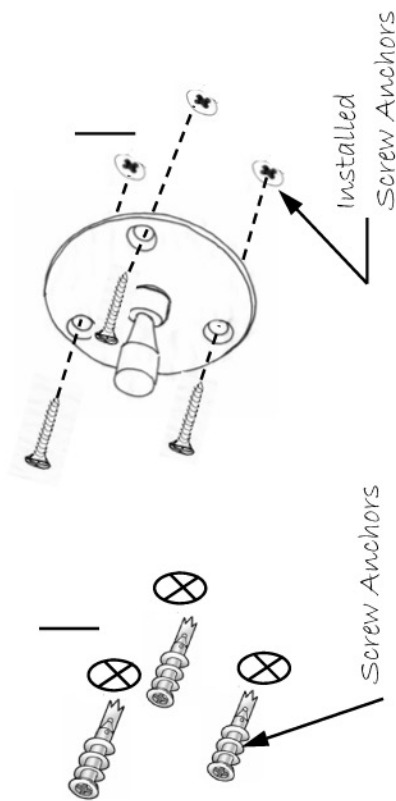
2

Mark three hole locations for mounting plate.



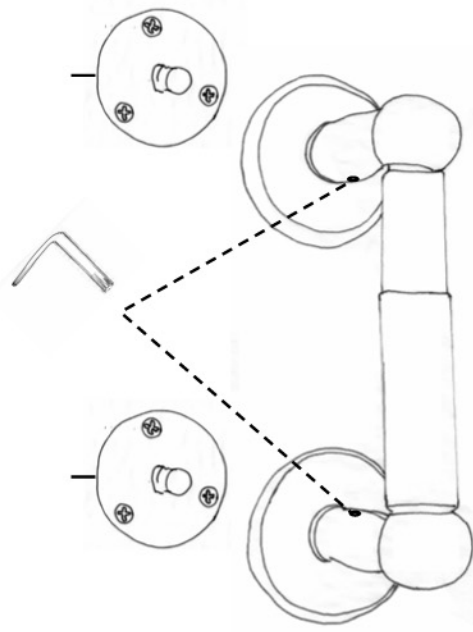
3

Use a screw driver to install three Screw Anchors into the wall for each mounting plate. Install mounting plates on top of the Screw Anchors. Attach with the sheet metal screws provided.



4

Slip trim plates and posts over the mounting plate stud. Tighten set screw at the base of each post with the allen wrench provided.



Shape of trim plate varies depending on style.

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STAINLESS STEEL CABINET PULLS



Knob (T-Pull), 2"

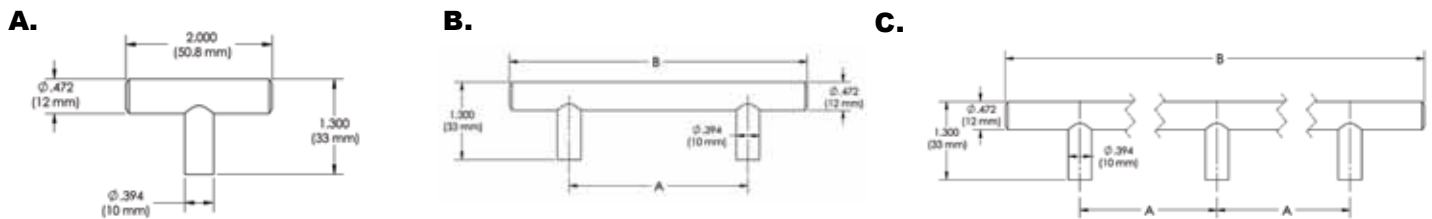


Pull with Two Legs, 3" thru 36"



Pull with Three Legs, 46" thru 54"

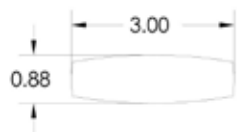
Specification Drawing



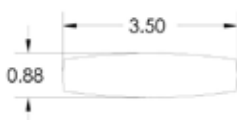
Description	Spec. Drawing	Product Code	Center to Center	Overall Length
Cabinet Knob	A	S62001SS		2"
Cabinet Pull, 3"	B	S62002SS	3"	5"
Cabinet Pull, 3 1/2"	B	S62003SS	3 1/2"	5 1/2"
Cabinet Pull, 4"	B	S62004SS	4"	6 1/2"
Cabinet Pull, 5"	B	S62005SS	5"	7 1/2"
Cabinet Pull, 6"	B	S62006SS	6"	8 1/2"
Cabinet Pull, 8"	B	S62007SS	8"	10 1/2"
Cabinet Pull, 10"	B	S62008SS	10"	12 1/2"
Cabinet Pull, 12"	B	S62009SS	12"	14 1/2"
Cabinet Pull, 16"	B	S62010SS	16"	18 1/2"
Cabinet Pull, 24"	B	S62011SS	24"	26 1/2"
Cabinet Pull, 28"	B	S62012SS	28"	30 1/2"
Cabinet Pull, 32"	B	S62013SS	32"	34 1/2"
Cabinet Pull, 36"	B	S62014SS	36"	38 1/2"
Cabinet Pull, 46"	C	S62015SS	46"	48 1/2"
Cabinet Pull, 54"	C	S62016SS	54"	56 1/2"

*Each pull packed with two sets of screws (1 1/8" & 1 1/2" , 8" - 32")

STAINLESS CABINET PULLS



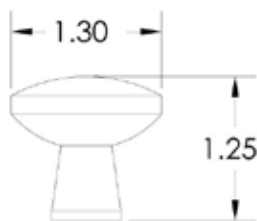
Delta Pull 3" — S60030SS



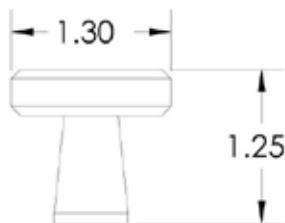
Delta Pull 3.5" — S60035SS



Delta Pull 4" — S60040SS



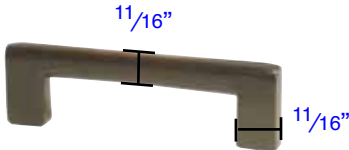
Dome Knob — S61113SS



Mushroom Knob — S61213SS

BRASS TRAIL PULLS

All Projections are 1³/₈"



Brass Trail Pull, 3¹/₂"



Brass Trail Pull, 6¹/₂"



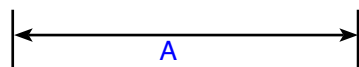
Brass Trail Pull, 12¹/₂"

Description	Product Code	Overall Length
Trail Pull 3" C-to-C	86161	3 ¹ / ₂ "
Trail Pull 3 ¹ / ₂ " C-to-C	86162	4"
Trail Pull 4" C-to-C	86163	4 ¹ / ₂ "
Trail Pull 6" C-to-C	86164	6 ¹ / ₂ "
Trail Pull 8" C-to-C	86165	8 ¹ / ₂ "
Trail Pull 12" C-to-C	86166	12 ¹ / ₂ "

BRASS CABINET PULLS

All Items Are Solid Forged Brass

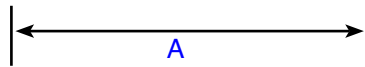
All $\frac{3}{4}$ " thick



Rope Pull

- 3" Pull *(86125): A= $3\frac{1}{2}$ "
- $3\frac{1}{2}$ " Pull *(86126): A= 4"
- 4" Pull *(86127): A= $4\frac{1}{2}$ "
- *Sizes are measured screw to screw
- Projection = $1\frac{7}{32}$ "
- Clearance = $\frac{7}{8}$ "

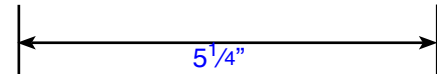
All $\frac{7}{16}$ " thick



Spindle Pull

- 3" Pull *(86128): A= $3\frac{5}{8}$ "
- $3\frac{1}{2}$ " Pull *(86129): A= $4\frac{1}{8}$ "
- 4" Pull *(86130): A= $4\frac{5}{8}$ "
- *Sizes are measured screw to screw
- Projection = $1\frac{1}{8}$ "
- Clearance = 1"

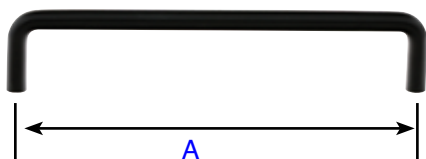
$1\frac{1}{2}$ "



Cup Pull (86173)

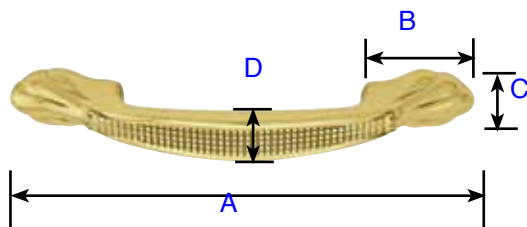
- Projection = $1\frac{7}{16}$ "
- Clearance = $1\frac{3}{16}$ "
- 3" Screw-to-Screw

All $\frac{5}{16}$ " thick



A

Wire Pull

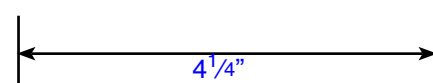


Footed Pull

- 3" Pull *(86131): A= $3\frac{5}{16}$ "
- $3\frac{1}{2}$ " Pull *(86132): A= $3\frac{13}{16}$ "
- 4" Pull *(86133): A= $4\frac{5}{16}$ "
- *Sizes are measured screw to screw
- Projection = $1\frac{1}{4}$ "
- Clearance = $\frac{15}{16}$ "

- 3" Pull *(86134): A= $5\frac{1}{8}$ ", B= $1\frac{5}{16}$ ", C= $\frac{3}{4}$ ", D= $\frac{9}{16}$ "
- $3\frac{1}{2}$ " Pull *(86135): A= $5\frac{5}{8}$ ", B= $1\frac{5}{16}$ ", C= $\frac{7}{8}$ ", D= $\frac{5}{8}$ "
- 4" Pull *(86136): A= $6\frac{1}{8}$ ", B= $1\frac{5}{16}$ ", C= $\frac{7}{8}$ ", D= $\frac{5}{8}$ "
- *Sizes are measured screw to screw
- Projection = 1"
- Clearance = $\frac{11}{16}$ "

$1\frac{5}{16}$ "

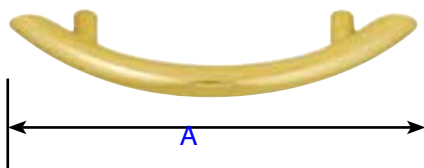


Cup Pull (86123)

- Projection = $1\frac{1}{8}$ "
- Clearance = $\frac{3}{4}$ "
- 3" Screw-to-Screw

MODERN CABINET HARDWARE

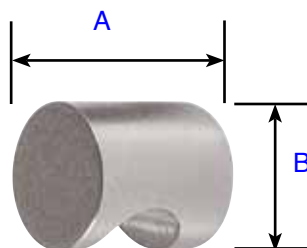
All $\frac{3}{8}$ " thick



A

Arch Drawer Pull

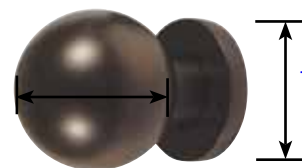
- 3" Pull *(86153): A= $4\frac{13}{16}$ "
- $3\frac{1}{2}$ " Pull *(86154): A= $5\frac{5}{16}$ "
- 4" Pull *(86155): A= $5\frac{13}{16}$ "
- *Sizes are measured screw to screw
- Projection = $\frac{13}{16}$ "
- Clearance = $\frac{13}{16}$ "



Modern Finger Pull

- Small (86150): A=1", B= $\frac{7}{8}$ "
- Large (86151): A= $1\frac{1}{4}$ ", B=1"

$1\frac{1}{8}$ " Dia.



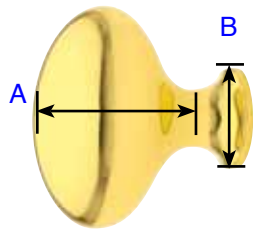
1" Dia.

Modern Cabinet Globe Knob

- Part #: (86152)
- Projection: $\frac{15}{8}$ "
- Stem Diameter: $\frac{1}{2}$ "

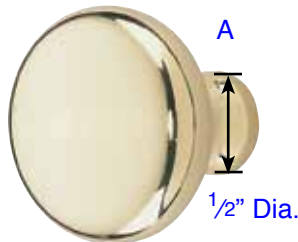
BRASS CABINET AND WARDROBE KNOBS

All Items Are Solid Forged Brass



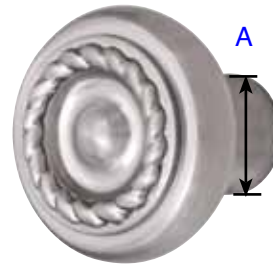
Egg Cabinet Knob

- 1" Cab. Knob (86015): A= $\frac{3}{4}$ ", B= $\frac{1}{2}$ "
Projection: $1\frac{1}{8}$ ", Clearance= $\frac{1}{2}$ "
- 1 $\frac{1}{4}$ " Cab. Knob (86016): A= $\frac{3}{4}$ ", B= $\frac{9}{16}$ "
Projection: $1\frac{1}{4}$ ", Clearance= $\frac{9}{16}$ "
- 1 $\frac{3}{4}$ " Wrd. Knob (86124): A= 1", B= $\frac{13}{16}$ "
Projection: $1\frac{5}{8}$ ", Clearance= $\frac{3}{4}$ "



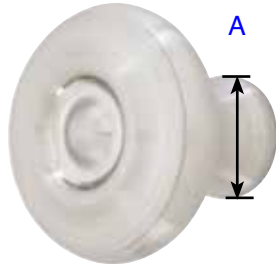
Providence Cabinet Knob

- 1" Cab. Knob (86013): A= $\frac{5}{8}$ "
Projection: 1", Clearance= $\frac{7}{16}$ "
- 1 $\frac{1}{4}$ " Cab. Knob (86014): A= $\frac{5}{8}$ "
Projection: $1\frac{3}{16}$ ", Clearance= $\frac{9}{16}$ "
- 1 $\frac{3}{4}$ " Wrd. Knob (86027): A= $\frac{13}{16}$ "
Projection: $1\frac{1}{2}$ ", Clearance= $\frac{7}{8}$ "



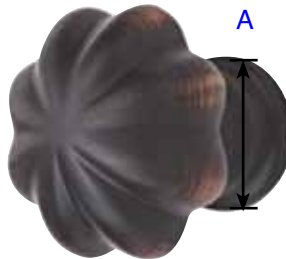
Rope Cabinet Knob

- 1" Cab. Knob (86112): A= $\frac{5}{8}$ "
Projection: 1", Clearance= $\frac{5}{8}$ "
- 1 $\frac{1}{4}$ " Cab. Knob (86113): A= $\frac{5}{8}$ "
Projection: $1\frac{3}{16}$ ", Clearance= $\frac{11}{16}$ "



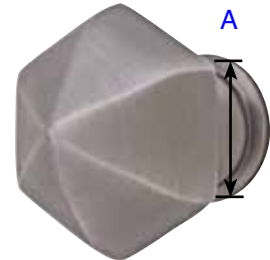
Waverly Cabinet Knob

- 1" Cab. Knob (86114): A= $\frac{5}{8}$ "
Projection: $1\frac{1}{16}$ ", Clearance= $\frac{11}{16}$ "
- 1 $\frac{1}{4}$ " Cab. Knob (86115): A= $\frac{5}{8}$ "
Projection: $1\frac{1}{8}$ ", Clearance= $\frac{11}{16}$ "



Melon Cabinet Knob

- 1" Cab. Knob (86121): A= $\frac{3}{4}$ "
Projection: 1", Clearance= $\frac{1}{2}$ "
- 1 $\frac{1}{4}$ " Cab. Knob (86122): A= $\frac{13}{16}$ "
Projection: $1\frac{3}{8}$ ", Clearance= $\frac{3}{4}$ "



Hexagon Cabinet Knob

- 1 $\frac{1}{8}$ " Cab. Knob (86119): A= $\frac{3}{4}$ "
Projection: 1", Clearance= $\frac{1}{2}$ "
- 1 $\frac{3}{8}$ " Cab. Knob (86120): A= $\frac{7}{8}$ "
Projection: $1\frac{3}{8}$ ", Clearance= $\frac{3}{4}$ "

DOG CABINET KNOBS



Chihuahua (86107)



Dachshund (86108)



German Shepherd
(86109)



Labrador (86110)



Beagle (86111)

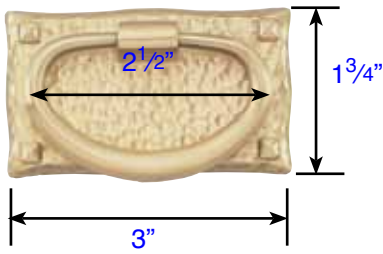
Projection = $1\frac{5}{8}$ " Clearance = $\frac{3}{4}$ " Base = $\frac{3}{4}$ " Diameter

EMTEK PRODUCTS INC.

Phone No: (800) 356-2741 • (800) 428-4889 • (626) 961-0413 Fax No: (800) 577-5771 • (626) 336-2812

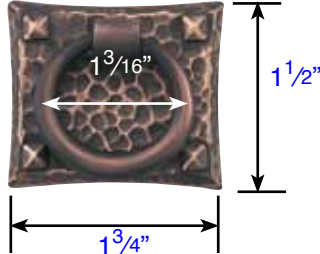
ARTS & CRAFTS STYLE CABINET HARDWARE

All Items Are Solid Brass



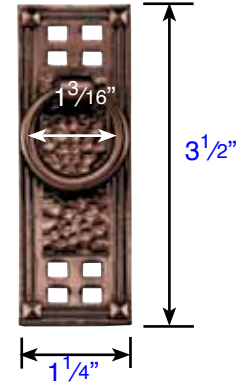
Hammered Oval Pull (86041)

Projection = 1/2"
Ring = 5/16" thick



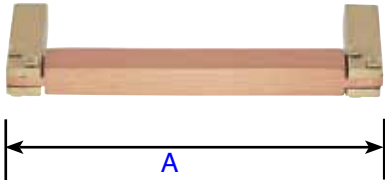
Hammered Ring Pull (86040)

Projection = 1/2"
Ring = 5/16" thick

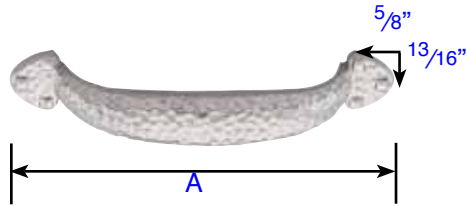


Hammered Vertical Ring Pull (86042)

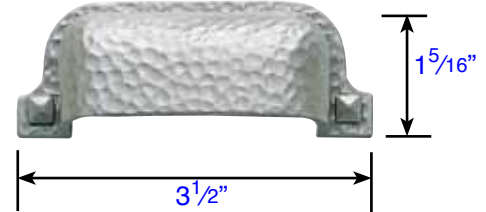
Projection = 1/2"
Ring = 5/16" thick



Tenon & Mortise Pull



Hammered Pull



Bin Pull (46049)

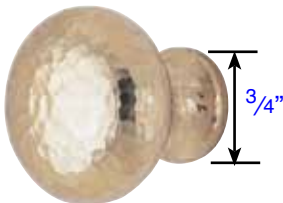
- 3" Pull *(86043): A= 3 3/8"
- 3 1/2" Pull *(86044): A= 3 7/8"
- 4" Pull *(86045): A= 4 3/8"

* Sizes are measured screw to screw
Projection = 1 1/8"
Clearance = 3/4"

- 3" Pull *(86046): A= 3 7/8"
- 3 1/2" Pull *(86047): A= 4 7/8"
- 4" Pull *(86048): A= 4 7/8"

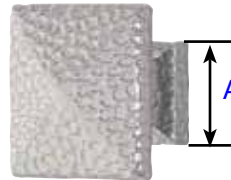
* Sizes are measured screw to screw
Projection = 1 1/16"
Clearance = 3/4"

Projection = 7/8"
Clearance = 13/16"
3" from screw to screw



Round Dimpled Knob (86037)

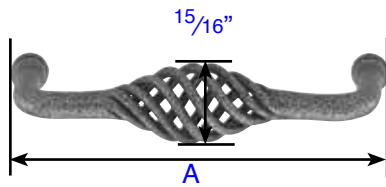
Projection = 1"
Clearance = 3/4"



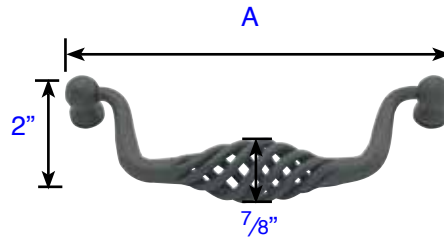
Square Dimpled Knob

- 1" Cab. Knob (86038) : A= 5/8"
Projection = 3/4", Clearance = 9/16"
- 1 1/4" Cab. Knob (86039) : A= 3/4"
Projection = 15/16", Clearance = 3/4"

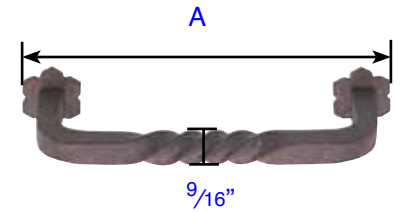
WROUGHT STEEL CABINET HARDWARE



Lafayette Fixed Drawer Pull
Satin Steel



Lafayette Drop Drawer Pull
Flat Black

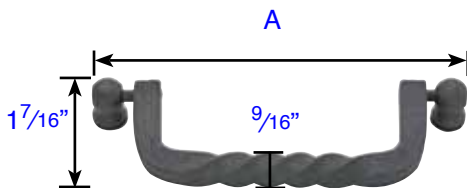


San Carlos Fixed Drawer Pull
Rust

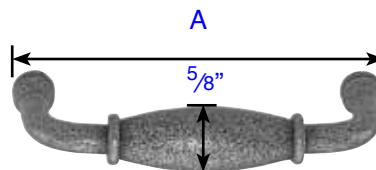
- 3" Pull *(76025): A= $3\frac{7}{16}$ "
 - 3½" Pull *(76019): A= $3\frac{15}{16}$ "
 - 4" Pull *(76020): A= $4\frac{7}{16}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{1}{4}$ "
Clearance = $1\frac{5}{16}$ "

- 4" Pull *(76032): A= $4\frac{11}{16}$ "
 - 5" Pull *(76033): A= $5\frac{3}{4}$ "
 - 6" Pull *(76034): A= $6\frac{5}{8}$ "
- *Sizes are measured screw to screw
Projection = $1\frac{3}{16}$ "
Clearance = $1\frac{3}{8}$ "

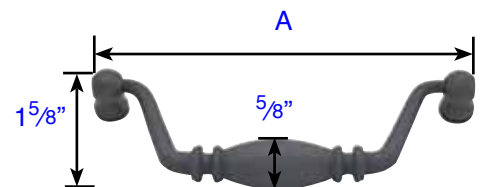
- 3" Pull *(76026): A= $3\frac{5}{16}$ "
 - 3½" Pull *(76021): A= $3\frac{13}{16}$ "
 - 4" Pull *(76022): A= $4\frac{5}{16}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{5}{16}$ "
Clearance = 1"



San Carlos Drop Drawer Pull
Flat Black



Normandy Fixed Drawer Pull
Satin Steel



Normandy Drop Drawer Pull
Flat Black

- 4" Pull *(76038): A= $4\frac{1}{2}$ "
 - 5" Pull *(76039): A= $5\frac{1}{2}$ "
 - 6" Pull *(76040): A= $6\frac{1}{2}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{3}{16}$ "
Clearance = $1\frac{3}{8}$ "

- 3" Pull *(76027): A= $3\frac{7}{16}$ "
 - 3½" Pull *(76023): A= $3\frac{15}{16}$ "
 - 4" Pull *(76024): A= $4\frac{7}{16}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{5}{16}$ "
Clearance = 1"

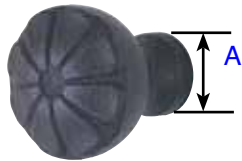
- 4" Pull *(76035): A= $4\frac{1}{2}$ "
 - 5" Pull *(76036): A= $5\frac{1}{2}$ "
 - 6" Pull *(76037): A= $6\frac{1}{2}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{3}{16}$ "
Clearance = $1\frac{3}{8}$ "

WROUGHT STEEL CABINET HARDWARE



Flanders Cabinet Knob

- 1 1/4" Cab. Knob (76011): A= 5/8"
- Projection: 1 15/16", Clearance= 7/16"
- 1 1/2" Cab. Knob (76012): A= 3/4"
- Projection: 2 1/8", Clearance= 7/16"



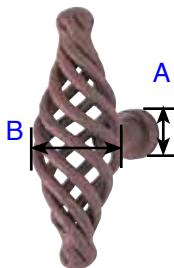
Petal Cabinet Knob

- 1" Cab. Knob (76013): A= 9/16"
- Projection: 1 3/16", Clearance= 5/8"
- 1 1/4" Cab. Knob (76014): A= 3/4"
- Projection: 1 3/8", Clearance= 11/16"



Brittany Cabinet Knob

- 1" Cab. Knob (76015): A= 9/16"
- Projection: 1 3/16", Clearance= 5/8"
- 1 1/4" Cab. Knob (76016): A= 3/4"
- Projection: 1 3/8", Clearance= 11/16"

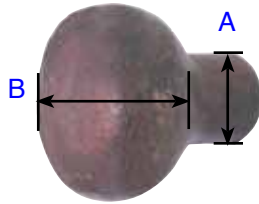


Bastogne Cabinet Knob

- 2 3/8" Cab. Knob (76017): A= 3/8", B= 7/8"
- Projection: 1 1/2", Clearance= 5/8"
- 3 3/8" Cab. Knob (76018): A= 1/2", B= 1 3/16"
- Projection: 1 7/8", Clearance= 3/4"

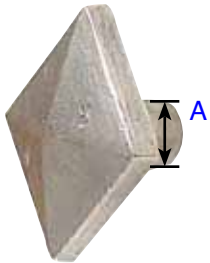
SANDCAST BRONZE CABINET HARDWARE

All Items Are Solid Cast Bronze



Bronze Egg Knob

- 1" Cab. Knob (86052): A= $\frac{1}{2}$ ", B= $\frac{7}{8}$ "
Projection: $1\frac{3}{16}$ ", Clearance= $\frac{11}{16}$ "
- $1\frac{1}{4}$ " Cab. Knob (86053): A= $\frac{1}{2}$ ", B= $\frac{15}{16}$ "
Projection: $1\frac{5}{8}$ ", Clearance= $\frac{3}{4}$ "



Square Cabinet Knob

- 1" Cab. Knob (86145): A= $\frac{1}{2}$ "
Projection: 1", Clearance= $\frac{5}{8}$ "
- $1\frac{5}{8}$ " Cab. Knob (86146): A= $\frac{5}{8}$ "
Projection: $1\frac{3}{16}$ ", Clearance= $\frac{3}{4}$ "



Bronze Round Knob

- 1" Cab. Knob (86057): A= $\frac{1}{2}$ "
Projection: 1", Clearance= $\frac{1}{2}$ "
- $1\frac{1}{4}$ " Cab. Knob (86058): A= $\frac{1}{2}$ "
Projection: $1\frac{1}{8}$ ", Clearance= $\frac{5}{8}$ "
- $1\frac{3}{4}$ " Wrd. Knob (86117): A= $\frac{5}{8}$ "
Projection: $1\frac{1}{4}$ ", Clearance= $\frac{3}{4}$ "



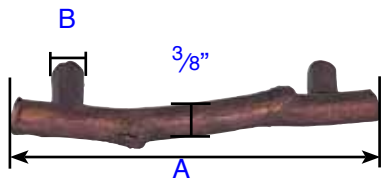
Bronze Bin Pulls (86051)

- Projection = 1"
- Clearance = $\frac{13}{16}$ "
- 3" from screw to screw



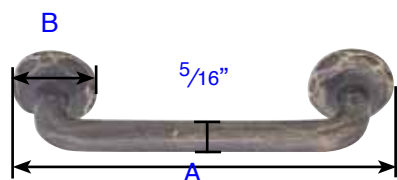
Bronze Bin Pulls (86050)

- Projection = $1\frac{5}{16}$ "
- Clearance = $1\frac{1}{16}$ "
- 3" from screw to screw



Twig Pulls

- 3" Pull *(86061): A= 4", B= 1"
- $3\frac{1}{2}$ " Pull *(86062): A= $4\frac{9}{16}$ ", B= $\frac{3}{8}$ "
- 4" Pull *(86063): A= 5", B= $\frac{3}{8}$ "
- *Sizes are measured screw to screw
- Projections: $1\frac{1}{4}$ "
- Clearance = $\frac{13}{16}$ "



Bronze Rod Pulls

- 3" Pull *(86054): A= 4", B= 1"
- $3\frac{1}{2}$ " Pull *(86055): A= $4\frac{1}{2}$ ", B= 1"
- 4" Pull *(86056): A= 5", B= 1"
- *Sizes are measured screw to screw
- Projections: $1\frac{1}{4}$ "
- Clearance = $\frac{15}{16}$ "

LOST WAX CAST BRONZE CABINET HARDWARE



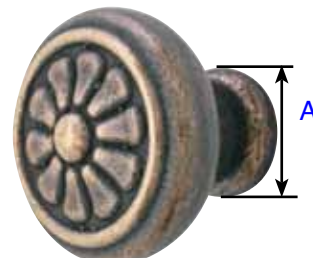
Tuscany Round Knob

- 1" Cab. Knob (86091): A= $\frac{5}{8}$ "
Projection: $1\frac{1}{8}$ ", Clearance= $\frac{5}{8}$ "
- $1\frac{1}{4}$ " Cab. Knob (86092): A= $\frac{11}{16}$ "
Projection: $1\frac{1}{4}$ ", Clearance= $\frac{5}{8}$ "
- $1\frac{3}{4}$ " Wrd. Knob (86116): A= $\frac{13}{16}$ "
Projection: $1\frac{1}{2}$ ", Clearance= $\frac{3}{4}$ "



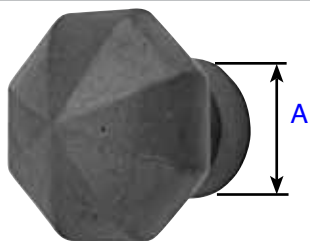
Tuscany Egg Knob

- 1" Cab. Knob (86093): A= $\frac{5}{8}$ ", B= $\frac{5}{8}$ "
Projection: $1\frac{1}{8}$ ", Clearance= $\frac{5}{8}$ "
- $1\frac{1}{4}$ " Cab. Knob (86094): A= $\frac{3}{4}$ ", B= $\frac{13}{16}$ "
Projection: $1\frac{1}{4}$ ", Clearance= $\frac{5}{8}$ "
- $1\frac{3}{4}$ " Wrd. Knob (86143): A= $\frac{13}{16}$ ", B= $1\frac{1}{8}$ "
Projection: $1\frac{1}{2}$ ", Clearance= $\frac{5}{8}$ "



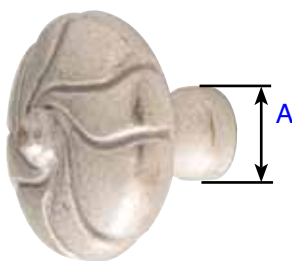
Tuscany Petal Knob

- 1" Cab. Knob (86095): A= $\frac{5}{8}$ "
Projection: $1\frac{1}{16}$ ", Clearance= $\frac{11}{16}$ "
- $1\frac{1}{4}$ " Cab. Knob (86096): A= $\frac{3}{4}$ "
Projection: $1\frac{1}{16}$ ", Clearance= $\frac{11}{16}$ "



Octagon Knob

- 1" Cab. Knob (86137): A= $\frac{3}{4}$ "
Projection: $1\frac{1}{16}$ ", Clearance= $\frac{1}{2}$ "
- $1\frac{1}{4}$ " Cab. Knob (86138): A= $\frac{13}{16}$ "
Projection: $1\frac{1}{4}$ ", Clearance= $\frac{5}{8}$ "



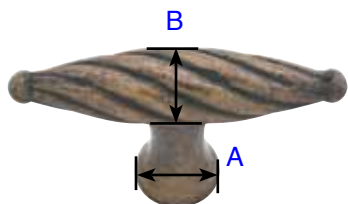
Art Nouveau Knob

- $1\frac{1}{4}$ " Cab. Knob (86139): A= $\frac{1}{2}$ "
Projection: $1\frac{1}{8}$ ", Clearance= $\frac{3}{4}$ "



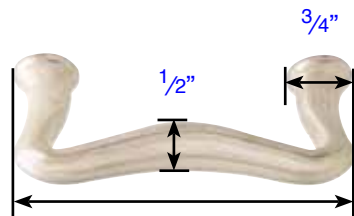
Tuscany Bin Pull

- Part #: (86199)
Projection = $1\frac{7}{16}$ "
Clearance = $1\frac{3}{16}$ "
3" from screw to screw



Tuscany Twist Pull

- $1\frac{3}{4}$ " Pull (86097): A= $\frac{3}{4}$ ", B= $\frac{9}{16}$ "
Projections: $1\frac{1}{4}$ ", Clearance = $\frac{11}{16}$ "
- 3" Pull (86098): A= $\frac{13}{16}$ ", B= $\frac{9}{16}$ "
Projections: $1\frac{5}{8}$ ", Clearance = $\frac{15}{16}$ "



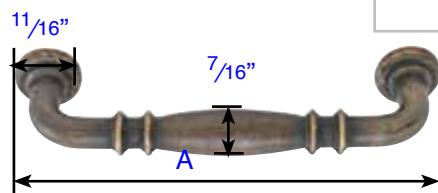
Art Nouveau Pull

- 3" Pull *(86140): A= $3\frac{3}{4}$ "
 - $3\frac{1}{2}$ " Pull *(86141): A= $4\frac{1}{4}$ "
 - 4" Pull *(86142): A= $4\frac{3}{4}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{5}{16}$ "
Clearance = $\frac{3}{4}$ "



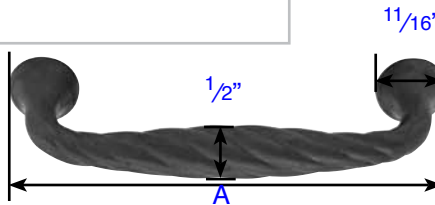
Tuscany Bin Pull

- Part #: (86099)
Projection = $1\frac{1}{8}$ "
Clearance = $\frac{7}{8}$ "
3" from screw to screw



Tuscany Ribbed Pull

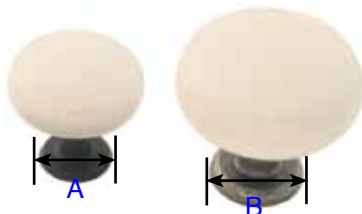
- 3" Pull *(86100): A= $3\frac{11}{16}$ "
 - $3\frac{1}{2}$ " Pull *(86101): A= $4\frac{1}{8}$ "
 - 4" Pull *(86102): A= $4\frac{11}{16}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{1}{8}$ "
Clearance = $\frac{11}{16}$ "



Tuscany Twist Pull

- 3" Pull *(86103): A= $3\frac{11}{16}$ "
 - $3\frac{1}{2}$ " Pull *(86104): A= $4\frac{1}{8}$ "
 - 4" Pull *(86105): A= $4\frac{11}{16}$ "
- *Sizes are measured screw to screw
Projections: $1\frac{1}{4}$ "
Clearance = $\frac{3}{4}$ "

PORCELAIN & GLASS CABINET HARDWARE



**Madison Ivory
Cabinet and Wardrobe Knobs**

- 1" Cab. Knob (86071, 86072 & 86073): A= $\frac{3}{4}$ "
Projection: $\frac{5}{16}$ ", Clearance= $\frac{13}{16}$ "
- $1\frac{3}{4}$ " Wrld. Knob (86074, 86075 & 86076): A= $\frac{7}{8}$ "
Projection: $\frac{5}{8}$ ", Clearance= $\frac{7}{8}$ "

Porcelain $1\frac{3}{8}$ " Diameter

Ice White	86001
Olde Gold	86002
Stoneware	86004
Almond	86005
Devonshire	86006
Bedford	86007
Courtney	86008
Ebony	86009



Porcelain

Porcelain Wardrobe $1\frac{3}{4}$ " Diameter

Ice White	86034
Olde Gold	86035
Stoneware	86036
Almond	86029
Devonshire	86032
Bedford	86030
Courtney	86031
Ebony	86033

- $1\frac{3}{8}$ " Cab. Knob: A= $1\frac{1}{2}$ "
Projection: 2", Clearance= $1\frac{1}{8}$ "

- $1\frac{3}{4}$ " Wrld. Knob: A= $1\frac{1}{2}$ "
Projection: $1\frac{11}{16}$ ", Clearance= 1"



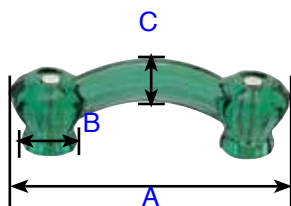
Old Town

- 1" Cab. Knob: A= $\frac{11}{16}$ "
Projection: 1", Clearance= $\frac{1}{2}$ "
- $1\frac{1}{4}$ " Cab. Knob: A= $\frac{13}{16}$ "
Projection: $\frac{5}{16}$ ", Clearance= $\frac{3}{4}$ "



Old Town Wardrobe (86028)

- $1\frac{3}{4}$ " Wrld. Knob: A= $\frac{13}{16}$ "
Projection: $\frac{5}{8}$ ", Clearance= 1"



Astoria Emerald Drawer Pull
Clear (86018), Emerald (86026), Milk (86067)

- A= $3\frac{13}{16}$ "
- B= $1\frac{1}{4}$ "
- C= $\frac{5}{8}$ "
- Projection: $1\frac{1}{2}$ ", Clearance= $\frac{13}{16}$ "



Astoria Cabinet Knob
Clear (86017), Emerald (86025)

- $1\frac{1}{8}$ " Cab. Knob: A= $\frac{13}{16}$ "
Projection: $1\frac{1}{4}$ ", Clearance= $\frac{5}{8}$ "

Cabinet Knob and Pull Screw Chart

Brass Cabinet & Wardrobe Knobs

86015	8-32, 1 1/8" & 1 1/2"
86016	8-32, 1 1/8" & 1 1/2"
86013	8-32, 1 1/8" & 1 1/2"
86014	8-32, 1 1/8" & 1 1/2"
86027	8-32, 1 1/8" & 1 1/2"
86112	8-32, 1 1/8" & 1 1/2"
86113	8-32, 1 1/8" & 1 1/2"
86114	8-32, 1 1/8" & 1 1/2"
86115	8-32, 1 1/8" & 1 1/2"
86119	8-32, 1 1/8" & 1 1/2"
86120	8-32, 1 1/8" & 1 1/2"
86121	8-32, 1 1/8" & 1 1/2"
86122	8-32, 1 1/8" & 1 1/2"
86123	8-32, 1 1/8" & 1 1/2"
86124	8-32, 1 1/8" & 1 1/2"

Brass Pulls

86123	8-32, 1 1/8" & 1 1/2"
86125	8-32, 1 1/8" & 1 1/2"
86126	8-32, 1 1/8" & 1 1/2"
86127	8-32, 1 1/8" & 1 1/2"
86128	8-32, 1 1/8" & 1 1/2"
86129	8-32, 1 1/8" & 1 1/2"
86130	8-32, 1 1/8" & 1 1/2"
86131	8-32, 1 1/8" & 1 1/2"
86132	8-32, 1 1/8" & 1 1/2"
86133	8-32, 1 1/8" & 1 1/2"
86134	8-32, 1 1/8" & 1 1/2"
86135	8-32, 1 1/8" & 1 1/2"
86136	8-32, 1 1/8" & 1 1/2"

Arts & Craft Cabinet Knobs & Pulls

86037	8-32, 1 1/8" & 1 1/2"
86038	
86039	
86040	
86041	
86042	
86043	
86044	8-32, 5/8" & 1"
86045	
86046	
86047	
86048	
86049	

Glass Cabinet & Wardrobe Knobs

86028	8-32, 1 1/8" & 1 1/2"
86010	8-32, 1 1/8" & 1 1/2"
86019	8-32, 1 1/8" & 1 1/2"
86021	8-32, 1 1/8" & 1 1/2"
86023	8-32, 1 1/8" & 1 1/2"
86011	8-32, 1 1/8" & 1 1/2"
86020	8-32, 1 1/8" & 1 1/2"
86022	8-32, 1 1/8" & 1 1/2"
86024	8-32, 1 1/8" & 1 1/2"
86070	8-32, 1 1/8" & 1 1/2"
86003	8-32, 1 1/8" & 1 1/2"
86012	8-32, 1 1/8" & 1 1/2"
86017	8-32, 2 1/2", US3 & US26
86025	8-32, 2 1/2", US3 & US26
86018	8-32, 2 1/2", US3 & US26
86026	8-32, 2 1/2", US3 & US26
86067	8-32, 2 1/2", US3 & US26

Porcelain Cabinet Knobs

86001	8-32, 1 1/8" & 1 1/2"
86002	8-32, 1 1/8" & 1 1/2"
86004	8-32, 1 1/8" & 1 1/2"
86005	8-32, 1 1/8" & 1 1/2"
86006	8-32, 1 1/8" & 1 1/2"
86007	8-32, 1 1/8" & 1 1/2"
86008	8-32, 1 1/8" & 1 1/2"
86009	8-32, 1 1/8" & 1 1/2"
86029	8-32, 1 1/8" & 1 1/2"
86030	8-32, 1 1/8" & 1 1/2"
86031	8-32, 1 1/8" & 1 1/2"
86032	8-32, 1 1/8" & 1 1/2"
86033	8-32, 1 1/8" & 1 1/2"
86034	8-32, 1 1/8" & 1 1/2"
86035	8-32, 1 1/8" & 1 1/2"
86036	8-32, 1 1/8" & 1 1/2"

Dog Cabinet Knobs

86107	8-32, 1 1/8" & 1 1/2"
86108	8-32, 1 1/8" & 1 1/2"
86109	8-32, 1 1/8" & 1 1/2"
86110	8-32, 1 1/8" & 1 1/2"
86111	8-32, 1 1/8" & 1 1/2"

Wrought Steel Cabinet Knobs & Pulls

76011	8-32, 1 1/8" & 1 1/2"
76012	8-32, 1 1/8" & 1 1/2"
76013	8-32, 1 1/8" & 1 1/2"
76014	8-32, 1 1/8" & 1 1/2"
76015	8-32, 1 1/8" & 1 1/2"
76016	8-32, 1 1/8" & 1 1/2"
76017	8-32, 1 1/8" & 1 1/2"
76018	8-32, 1 1/8" & 1 1/2"
76025	8-32, 1 1/8" & 1 1/2"
76019	8-32, 1 1/8" & 1 1/2"
76020	8-32, 1 1/8" & 1 1/2"
76026	8-32, 1 1/8" & 1 1/2"
76021	8-32, 1 1/8" & 1 1/2"
76022	8-32, 1 1/8" & 1 1/2"
76027	8-32, 1 1/8" & 1 1/2"
76023	8-32, 1 1/8" & 1 1/2"
76024	8-32, 1 1/8" & 1 1/2"

Wrought Steel Drop Pulls

76032	8-32, 5/8" & 1"
76033	8-32, 5/8" & 1"
76034	8-32, 5/8" & 1"
76035	8-32, 5/8" & 1"
76036	8-32, 5/8" & 1"
76037	8-32, 5/8" & 1"
76038	8-32, 5/8" & 1"
76039	8-32, 5/8" & 1"
76040	8-32, 5/8" & 1"

Madison Cabinet Knobs

86071	8-32, 1 1/8" & 1 1/2"
86072	8-32, 1 1/8" & 1 1/2"
86073	8-32, 1 1/8" & 1 1/2"
86074	8-32, 1 1/8" & 1 1/2"
86075	8-32, 1 1/8" & 1 1/2"
86076	8-32, 1 1/8" & 1 1/2"

Tuscany Cabinet Knobs & Pulls

86091	8-32, 1 1/8" & 1 1/2"
86092	8-32, 1 1/8" & 1 1/2"
86093	8-32, 1 1/8" & 1 1/2"
86094	8-32, 1 1/8" & 1 1/2"
86095	8-32, 1 1/8" & 1 1/2"
86096	8-32, 1 1/8" & 1 1/2"
86097	8-32, 1 1/8" & 1 1/2"
86098	8-32, 1 1/8" & 1 1/2"
86099	8-32, 1 1/8" & 1 1/2"
86100	8-32, 1 1/8" & 1 1/2"
86101	8-32, 1 1/8" & 1 1/2"
86102	8-32, 1 1/8" & 1 1/2"
86103	8-32, 1 1/8" & 1 1/2"
86104	8-32, 1 1/8" & 1 1/2"
86105	8-32, 1 1/8" & 1 1/2"
86116	8-32, 1 1/8" & 1 1/2"

Octagon Cabinet Knobs

86137	8-32, 1 1/8" & 1 1/2"
86138	8-32, 1 1/8" & 1 1/2"

Sandcast Cabinet Knobs & Pulls

86051	8-32, 1 1/8" & 1 1/2"
86052	8-32, 1 1/8" & 1 1/2"
86053	8-32, 1 1/8" & 1 1/2"
86054	8-32, 1 1/8" & 1 1/2"
86055	8-32, 1 1/8" & 1 1/2"
86056	8-32, 1 1/8" & 1 1/2"
86057	8-32, 1 1/8" & 1 1/2"
86058	8-32, 1 1/8" & 1 1/2"
86059	#8 x 1" Wood Screws
86060	#8 x 1" Wood Screws
86061	8-32, 1 1/8" & 1 1/2"
86062	8-32, 1 1/8" & 1 1/2"
86063	8-32, 1 1/8" & 1 1/2"
86106	#8 x 1/2" Wood Screws
86117	8-32, 1 1/8" & 1 1/2"

Cabinet Knob and Pull Screw Chart**Brass Cabinet & Wardrobe Knobs**

86013	}	8-32, 1 1/8" & 1 1/2"
86014		
86015		
86016		
86027		
86112		
86113		
86114		
86115		
86119		
86120	}	8-32, 1 1/8" & 1 1/2"
86121		
86122		
86123		
86124		

Glass Cabinet & Wardrobe Knobs

86003	8-32, 1 1/8" & 1 1/2"
86010	8-32, 1 1/8" & 1 1/2"
86011	8-32, 1 1/8" & 1 1/2"
86012	8-32, 1 1/8" & 1 1/2"
86017	8-32, 2 1/2", US3 & US26
86018	8-32, 2 1/2", US3 & US26
86019	8-32, 1 1/8" & 1 1/2"
86020	8-32, 1 1/8" & 1 1/2"
86021	8-32, 1 1/8" & 1 1/2"
86022	8-32, 1 1/8" & 1 1/2"
86023	8-32, 1 1/8" & 1 1/2"
86024	8-32, 1 1/8" & 1 1/2"
86025	8-32, 2 1/2", US3 & US26
86026	8-32, 2 1/2", US3 & US26
86028	8-32, 1 1/8" & 1 1/2"
86067	8-32, 2 1/2", US3 & US26
86070	8-32, 1 1/8" & 1 1/2"

Brass Pulls

86123	8-32, 1 1/8" & 1 1/2"
86125	8-32, 1 1/8" & 1 1/2"
86126	8-32, 1 1/8" & 1 1/2"
86127	8-32, 1 1/8" & 1 1/2"
86128	8-32, 1 1/8" & 1 1/2"
86129	8-32, 1 1/8" & 1 1/2"
86130	8-32, 1 1/8" & 1 1/2"
86131	8-32, 1 1/8" & 1 1/2"
86132	8-32, 1 1/8" & 1 1/2"
86133	8-32, 1 1/8" & 1 1/2"
86134	8-32, 1 1/8" & 1 1/2"
86135	8-32, 1 1/8" & 1 1/2"
86136	8-32, 1 1/8" & 1 1/2"

Arts & Craft Cabinet Knobs & Pulls

86037	8-32, 1 1/8" & 1 1/2"
86038	8-32, 1 1/8" & 1 1/2"
86039	8-32, 1 1/8" & 1 1/2"
86040	8-32, 1 1/8" & 1 1/2"
86041	8-32, 1 1/8" & 1 1/2"
86042	8-32, 1 1/8" & 1 1/2"
86043	8-32, 1 1/8" & 1 1/2"
86044	8-32, 1 1/8" & 1 1/2"
86045	8-32, 1 1/8" & 1 1/2"
86046	8-32, 5/8" & 1"
86047	8-32, 5/8" & 1"
86048	8-32, 5/8" & 1"
86049	8-32, 5/8" & 1"

Wrought Steel Cabinet Knobs & Pulls

76011	8-32, 1 1/8" & 1 1/2"
76012	8-32, 1 1/8" & 1 1/2"
76013	8-32, 1 1/8" & 1 1/2"
76014	8-32, 1 1/8" & 1 1/2"
76015	8-32, 1 1/8" & 1 1/2"
76016	8-32, 1 1/8" & 1 1/2"
76017	8-32, 1 1/8" & 1 1/2"
76018	8-32, 1 1/8" & 1 1/2"
76019	8-32, 1 1/8" & 1 1/2"
76020	8-32, 1 1/8" & 1 1/2"
76021	8-32, 1 1/8" & 1 1/2"
76022	8-32, 1 1/8" & 1 1/2"
76023	8-32, 1 1/8" & 1 1/2"
76024	8-32, 1 1/8" & 1 1/2"
76025	8-32, 1 1/8" & 1 1/2"
76026	8-32, 1 1/8" & 1 1/2"
76027	8-32, 1 1/8" & 1 1/2"

Porcelain Cabinet Knobs

86001	8-32, 1 1/8" & 1 1/2"
86002	8-32, 1 1/8" & 1 1/2"
86004	8-32, 1 1/8" & 1 1/2"
86005	8-32, 1 1/8" & 1 1/2"
86006	8-32, 1 1/8" & 1 1/2"
86007	8-32, 1 1/8" & 1 1/2"
86008	8-32, 1 1/8" & 1 1/2"
86009	8-32, 1 1/8" & 1 1/2"
86029	8-32, 1 1/8" & 1 1/2"
86030	8-32, 1 1/8" & 1 1/2"
86031	8-32, 1 1/8" & 1 1/2"
86032	8-32, 1 1/8" & 1 1/2"
86033	8-32, 1 1/8" & 1 1/2"
86034	8-32, 1 1/8" & 1 1/2"
86035	8-32, 1 1/8" & 1 1/2"
86036	8-32, 1 1/8" & 1 1/2"

Dog Cabinet Knobs

86107	8-32, 1 1/8" & 1 1/2"
86108	8-32, 1 1/8" & 1 1/2"
86109	8-32, 1 1/8" & 1 1/2"
86110	8-32, 1 1/8" & 1 1/2"
86111	8-32, 1 1/8" & 1 1/2"

Tuscany Cabinet Knobs & Pulls

86091	8-32, 1 1/8" & 1 1/2"
86092	8-32, 1 1/8" & 1 1/2"
86093	8-32, 1 1/8" & 1 1/2"
86094	8-32, 1 1/8" & 1 1/2"
86095	8-32, 1 1/8" & 1 1/2"
86096	8-32, 1 1/8" & 1 1/2"
86097	8-32, 1 1/8" & 1 1/2"
86098	8-32, 1 1/8" & 1 1/2"
86099	8-32, 1 1/8" & 1 1/2"
86100	8-32, 1 1/8" & 1 1/2"
86101	8-32, 1 1/8" & 1 1/2"
86102	8-32, 1 1/8" & 1 1/2"
86103	8-32, 1 1/8" & 1 1/2"
86104	8-32, 1 1/8" & 1 1/2"
86105	8-32, 1 1/8" & 1 1/2"
86116	8-32, 1 1/8" & 1 1/2"

Wrought Steel Drop Pulls

76032	8-32, 5/8" & 1"
76033	8-32, 5/8" & 1"
76034	8-32, 5/8" & 1"
76035	8-32, 5/8" & 1"
76036	8-32, 5/8" & 1"
76037	8-32, 5/8" & 1"
76038	8-32, 5/8" & 1"
76039	8-32, 5/8" & 1"
76040	8-32, 5/8" & 1"

Madison Cabinet Knobs

86071	8-32, 1 1/8" & 1 1/2"
86072	8-32, 1 1/8" & 1 1/2"
86073	8-32, 1 1/8" & 1 1/2"
86074	8-32, 1 1/8" & 1 1/2"
86075	8-32, 1 1/8" & 1 1/2"
86076	8-32, 1 1/8" & 1 1/2"

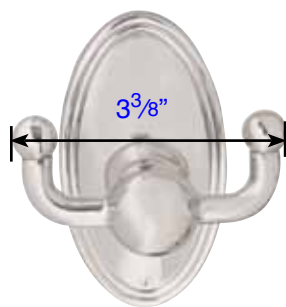
Octagon Cabinet Knobs

86137	8-32, 1 1/8" & 1 1/2"
86138	8-32, 1 1/8" & 1 1/2"

Sandcast Cabinet Knobs & Pulls

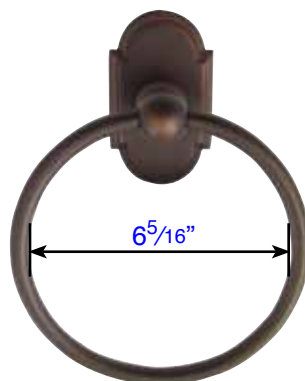
86051	8-32, 1 1/8" & 1 1/2"
86052	8-32, 1 1/8" & 1 1/2"
86053	8-32, 1 1/8" & 1 1/2"
86054	8-32, 1 1/8" & 1 1/2"
86055	8-32, 1 1/8" & 1 1/2"
86056	8-32, 1 1/8" & 1 1/2"
86057	8-32, 1 1/8" & 1 1/2"
86058	8-32, 1 1/8" & 1 1/2"
86059	#8 x 1" Wood Screws
86060	#8 x 1" Wood Screws
86061	8-32, 1 1/8" & 1 1/2"
86062	8-32, 1 1/8" & 1 1/2"
86063	8-32, 1 1/8" & 1 1/2"
86106	#8 x 1/2" Wood Screws
86117	8-32, 1 1/8" & 1 1/2"

BRASS BATH ACCESSORIES

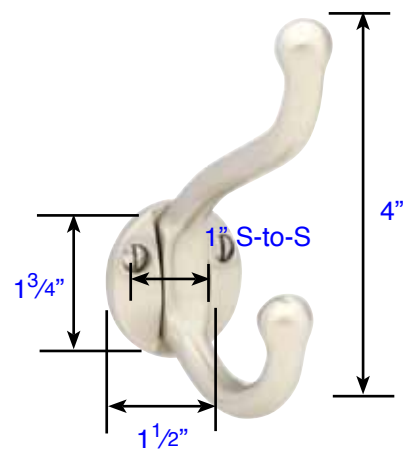


Projection: $2\frac{15}{16}$ "

Double Hook (2609)

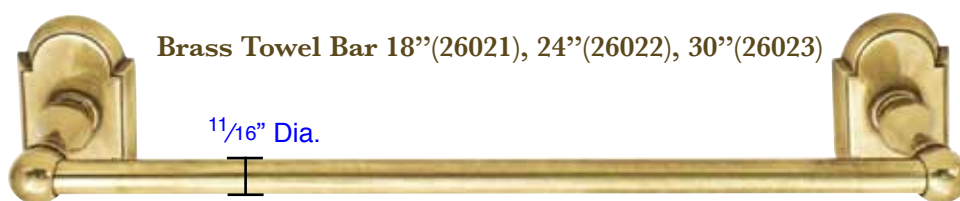


Brass Towel Ring (2601)

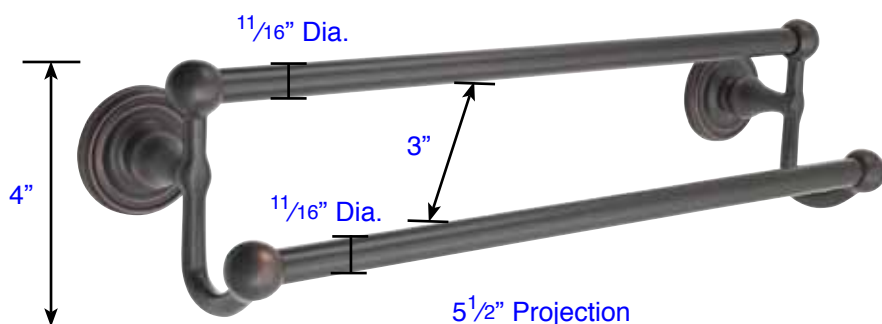


Projection: $2\frac{5}{8}$ "

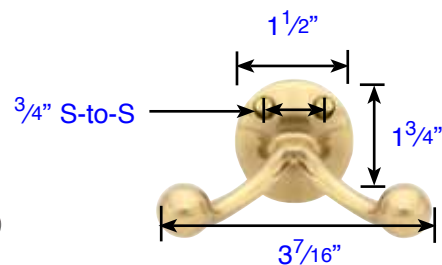
Brass Robe Hook (2606)



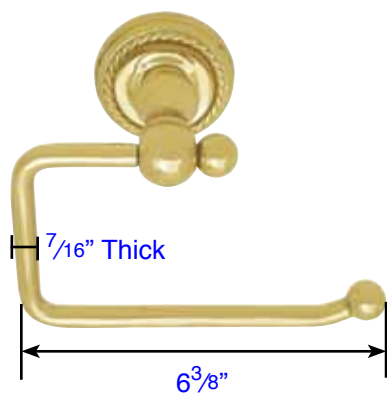
$2\frac{15}{16}$ " Projection



Brass Double Towel Bars 18''(26031), 24''(26032), 30''(26033)



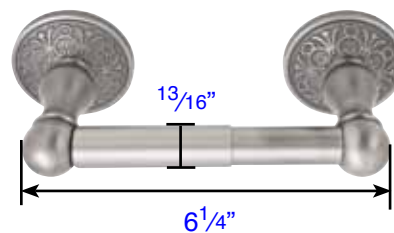
Double Hook (2607)



Brass Paper Holder Style 1 (2604)

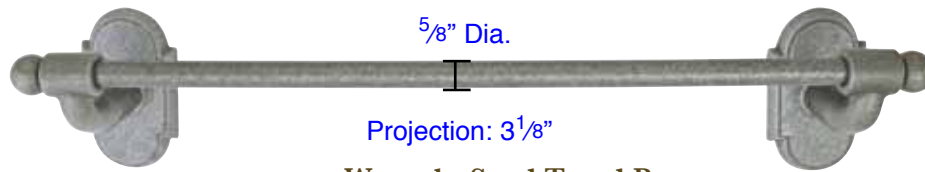


Single Hook Post (2608)

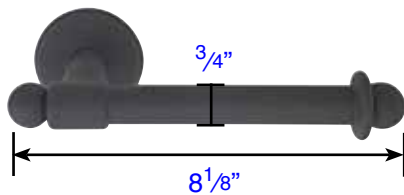


Brass Paper Holder Style 2 (2605)

WROUGHT STEEL BATH ACCESSORIES

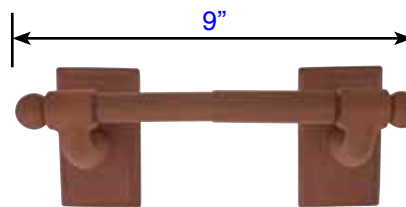


Wrought Steel Towel Bar



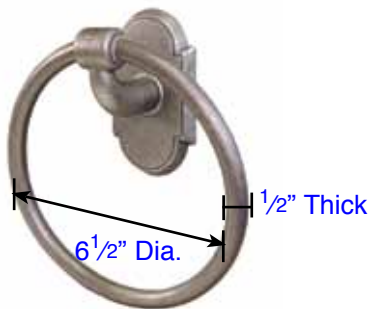
Projection: 3 5/16"

Wrought Steel Bar Style Paper Holder
(2503)



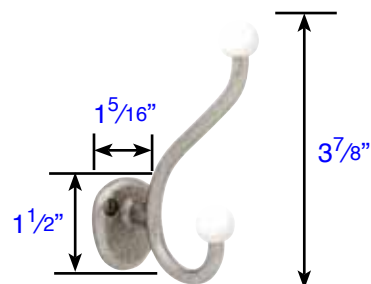
Projection: 3 5/16"

Wrought Steel Spring Rod Style Paper Holder
(2504)



Projection: 2 3/4"

Wrought Steel Towel Ring
(2501)



3" Projection

13/16" Screw-to-Screw

Wrought Steel Robe Hook
(25050)

Notes:
Rosette size same as on passage sets.

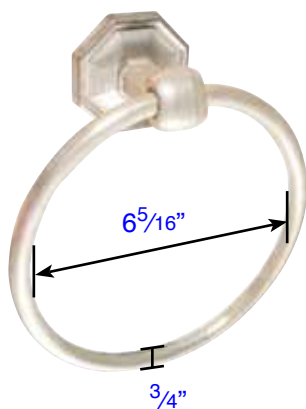
TUSCANY BATH ACCESSORIES



$\frac{5}{8}$ " Dia.

Projection: $2\frac{15}{16}$ "

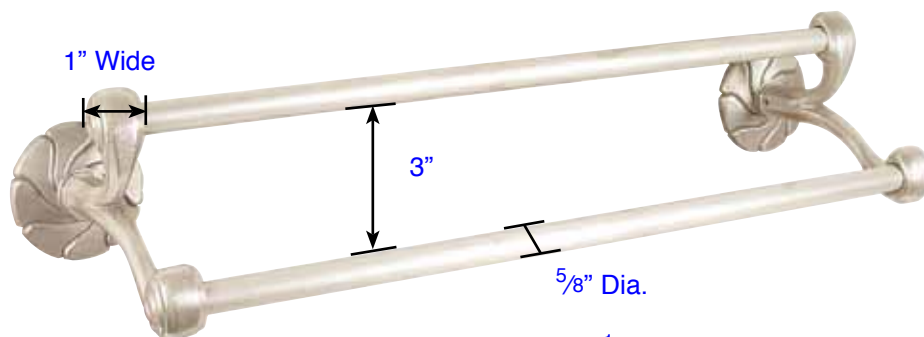
Tuscany Towel Bar
18"(27021), 24"(27022), 30"(27023)



$6\frac{5}{16}$ "

$\frac{3}{4}$ "

Projection: $2\frac{1}{4}$ "
Tuscany Towel Ring
(2701)



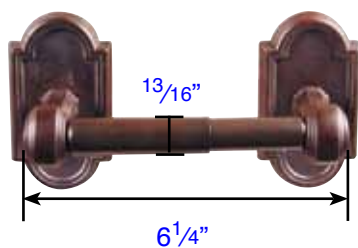
1" Wide

3"

$\frac{5}{8}$ " Dia.

Projection: $5\frac{1}{2}$ "

Tuscany Double Towel Bars
18"(27081), 24"(27082), 30"(27083)

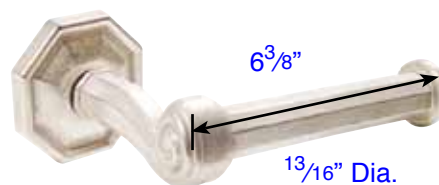


$\frac{13}{16}$ "

$6\frac{1}{4}$ "

Projection: $2\frac{15}{16}$ "

Cast Bronze Spring Rod Style Paper Holder
(2704)

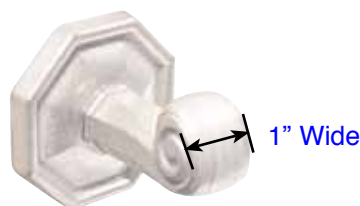


$6\frac{3}{8}$ "

$\frac{13}{16}$ " Dia.

Projection: 3"

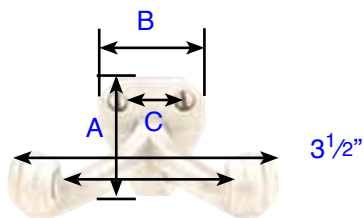
Tuscany Bar Style Paper Holder
Left Hand(2705LH), Right Hand(2705RH)



1" Wide

Projection: $2\frac{3}{4}$ "

Tuscany Single Hook (2706)



Projection: $2\frac{1}{4}$ "

A: $1\frac{3}{4}$ "

B: $1\frac{1}{2}$ "

C: $\frac{7}{16}$ " Screw-to-Screw

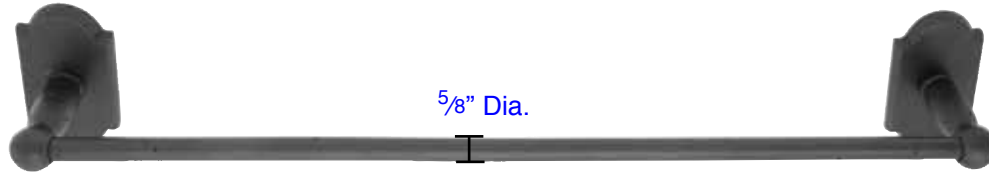
Tuscany Double Hook (2707)

* Base for Dbl. Robe Hook is $1\frac{3}{4}$ " H x $1\frac{1}{2}$ " W

Notes:

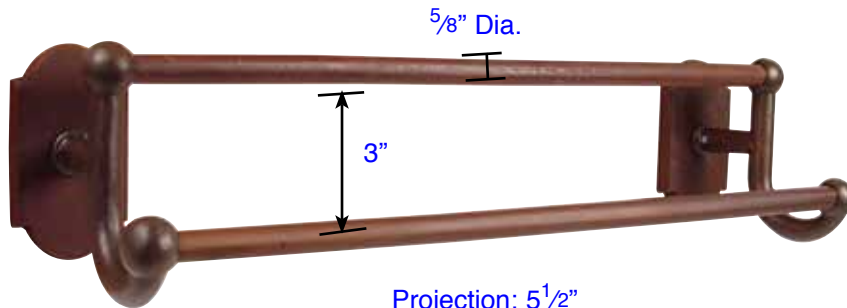
- Rosette size same as on passage sets.

SANDCAST BRONZE BATH ACCESSORIES



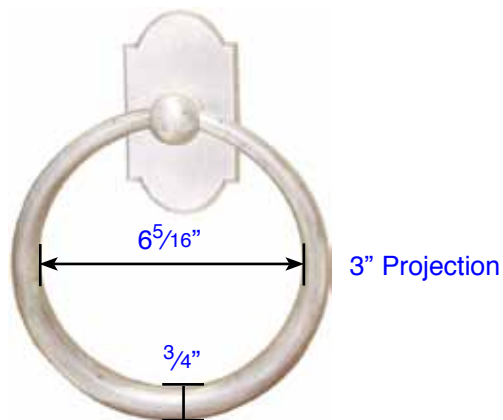
Projection: 2¹⁵/₁₆"

Sandcast Bronze Towel Bar



Projection: 5¹/₂"

Sandcast Bronze Double Towel Bar
18"(23051), 24"(23052), 30"(23053)

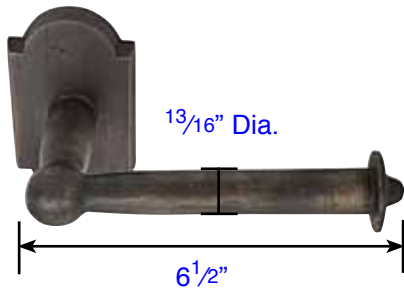


3" Projection

Projection: 2¹/₄"

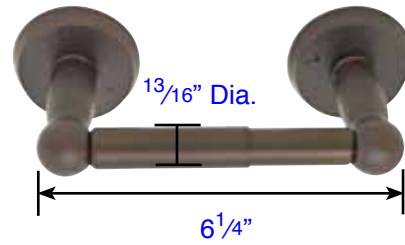
Sandcast Bronze Towel Ring
(2301)

SANDCAST BRONZE BATH ACCESSORIES

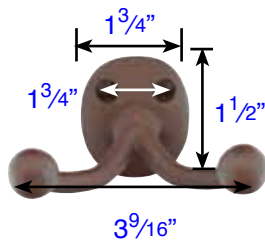


Projection: 3"

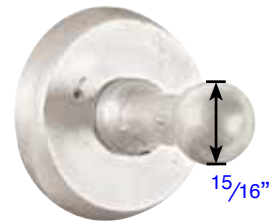
Sandcast Bronze Bar Style Paper Holder
(2303)



Sandcast Bronze Spring Rod Style Paper Holder
(2304)

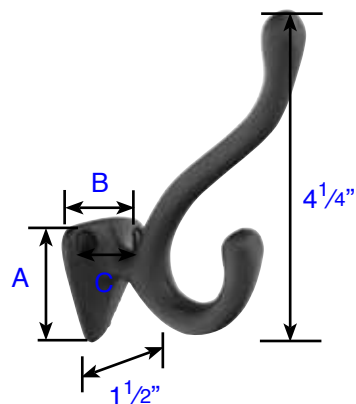


Sandcast Bronze Double Hook
(2306)



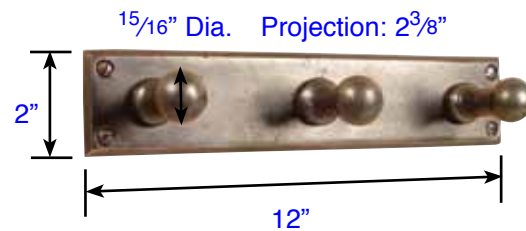
Projection: $2\frac{3}{4}$ "

Sandcast Bronze Single Post Style Hook
(2308)



A: $1\frac{3}{4}$ "
B: $1\frac{1}{4}$ "
C: $1\frac{3}{16}$ " Screw-to-Screw

Sandcast Bronze Robe Hook
(86106)

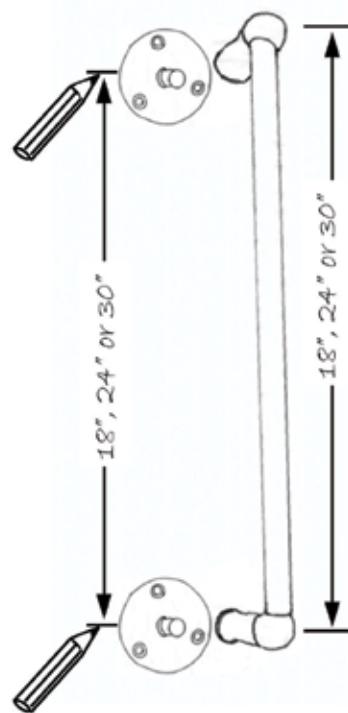


Sandcast Bronze 3 Hooks
(2307)

Towel Bar Installation Instructions

1

Make two marks on wall to locate center of mounting plates. Center to center spacing for mounting plates is the same as the length of the towel bar.



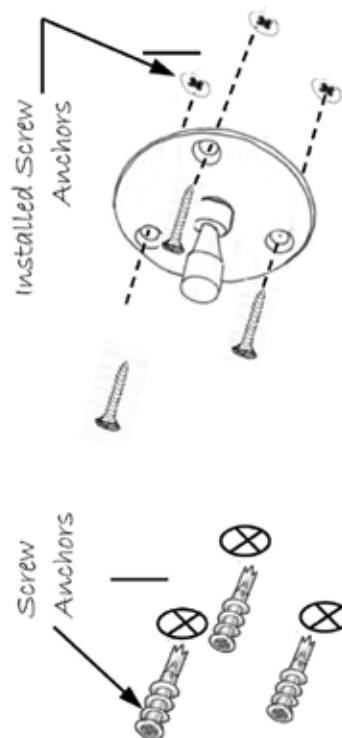
2

Mark three hole locations for each mounting plate.



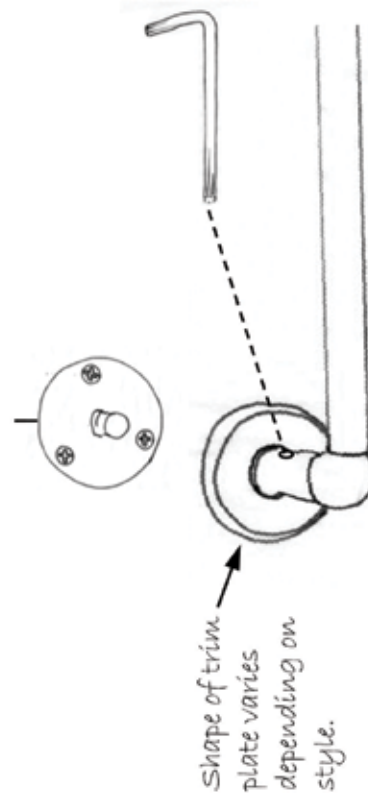
3

Use a screw driver to install three Screw Anchors into the wall for each mounting plate. Install mounting plates on top of the Screw Anchors. Attach with the sheet metal screws provided.



4

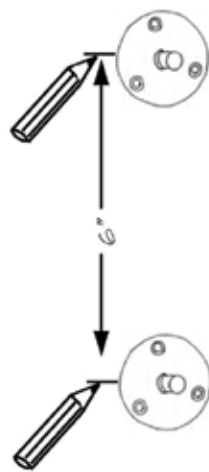
Slip trim plates and towel bar posts over the mounting plate stud. Tighten set screw at the base of each towel bar post with the allen wrench provided.



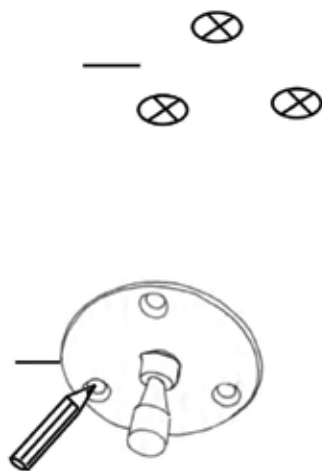
EMTEK
ASSA ABLOY

EN-TOWELBAR REV. 1/19/04

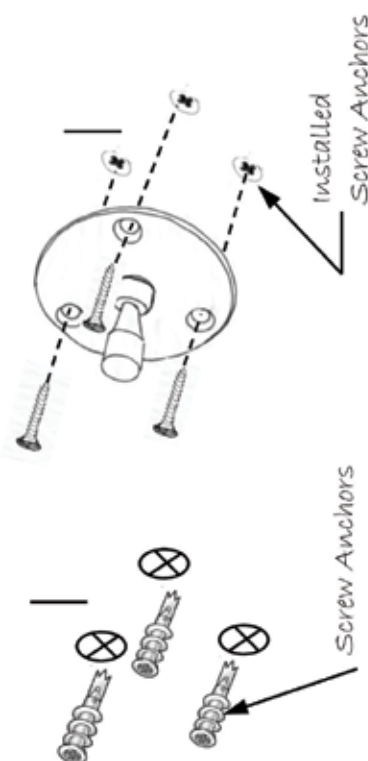
- 1 Make two marks on wall to locate center of mounting plates. Center to center spacing for mounting plates is 6 inches.



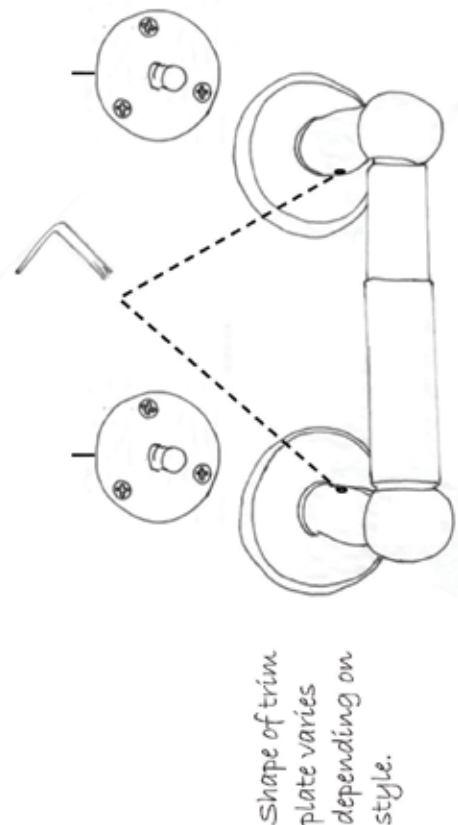
- 2 Mark three hole locations for mounting plate.



- 3 Use a screw driver to install three Screw Anchors into the wall for each mounting plate. Install mounting plates on top of the Screw Anchors. Attach with the sheet metal screws provided.



- 4 Slip trim plates and posts over the mounting plate stud. Tighten set screw at the base of each post with the allen wrench provided.

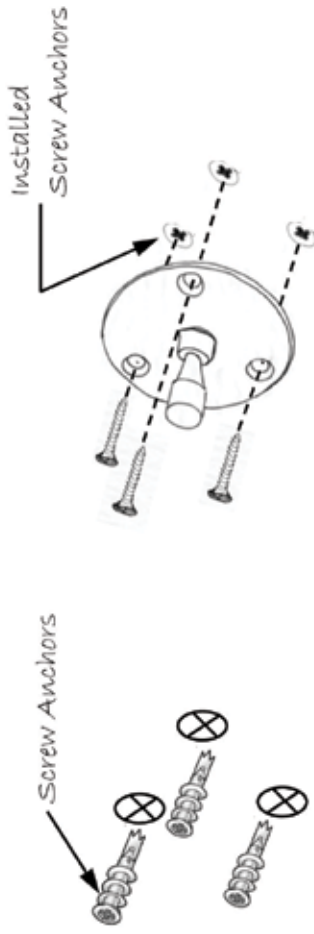


Towel Ring - Installation Instructions

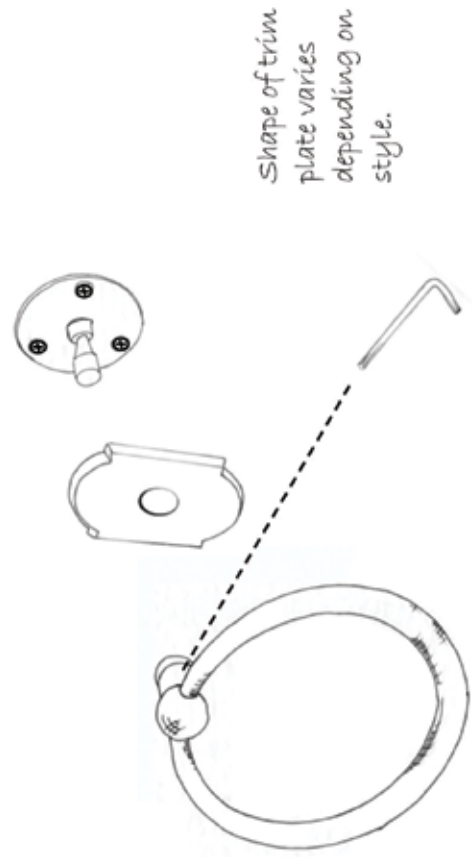
- 1 Mark three hole locations for the mounting plate.



- 2 Use a screw driver to install three Screw Anchors into the wall. Install mounting plate on top of the Screw Anchors. Attach with sheet metal screws provided.

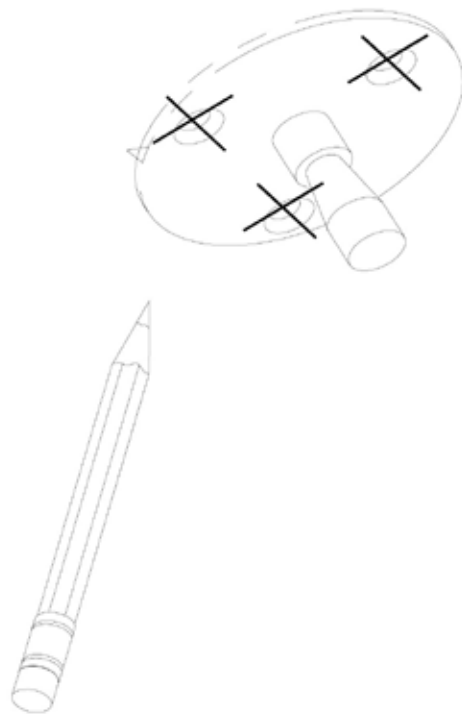


- 3 Slip trim plate and ring post over the stud on the mounting plate. Tighten set screw at base of post with allen wrench provided

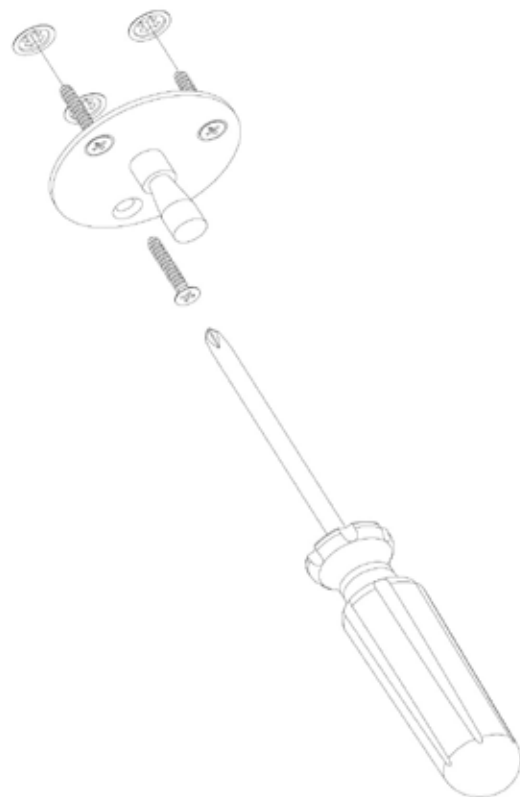


Hook - Installation Instructions

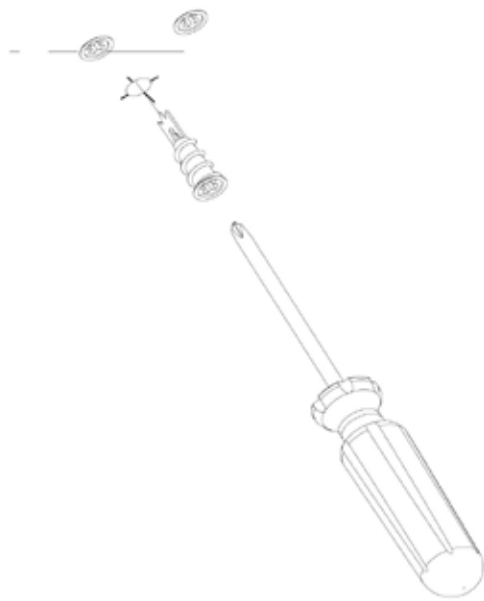
Use mounting plate as a template to mark location of screw holes.



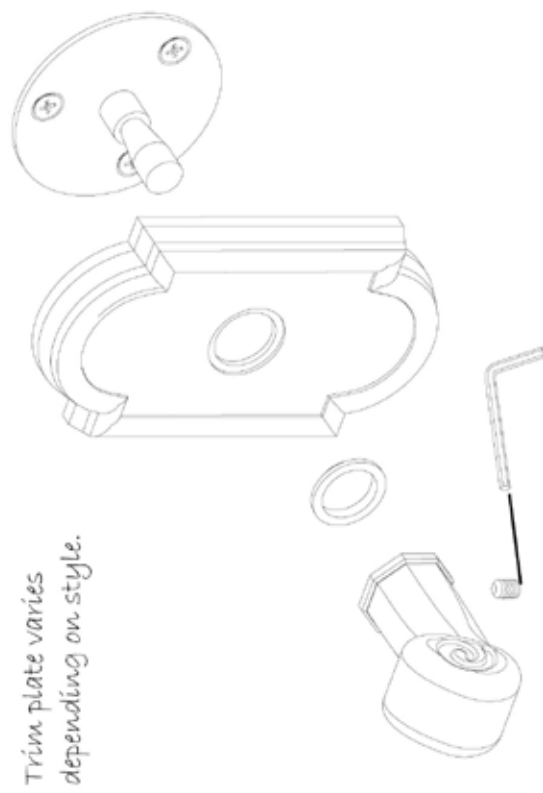
Place mounting plate on top of the Screw Anchors and install it with the sheet metal screws provided.



Use the marks as a guide to install three Screw Anchors (provided) into the wall.



Slip trim plate and hook over the stud on the mounting plate. Tighten set screw at base of post with allen wrench provided.



Trim plate varies depending on style.

Toilet Paper Holder - Installation Instructions

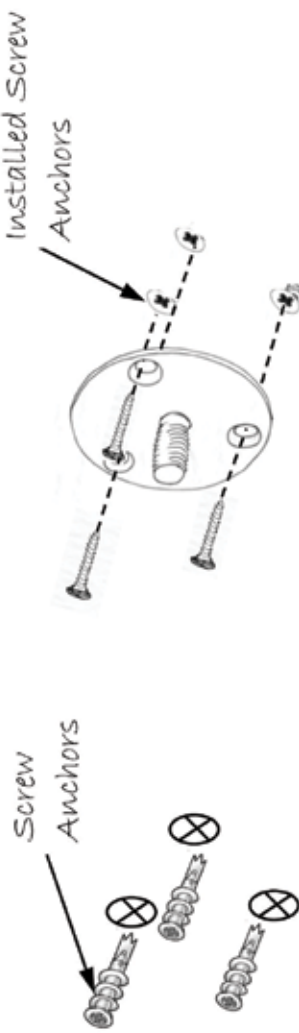
1

Mark three hole locations for the mounting plate.



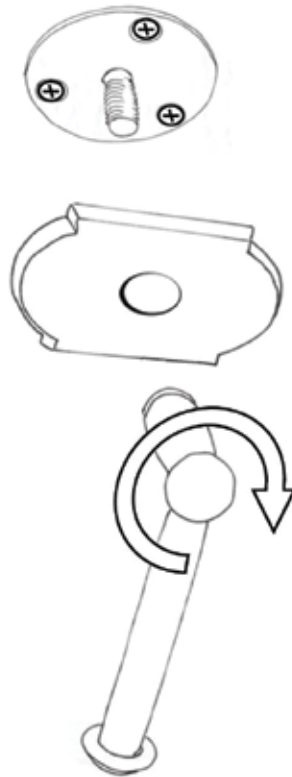
2

Use a screw driver to install three Screw Anchors into the wall. Install mounting plate on top of the Screw Anchors. Attach with sheet metal screws provided.



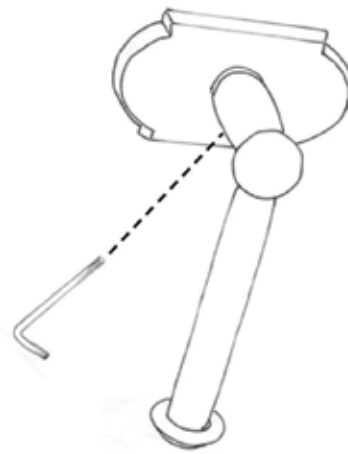
3

Slip trim plate over the threaded stud on the mounting plate. Thread TP Holder onto the threaded stud until tight against trim plate.



4

Tighten set screw at base of post with allen wrench provided. Holder may be mounted vertically or horizontally.



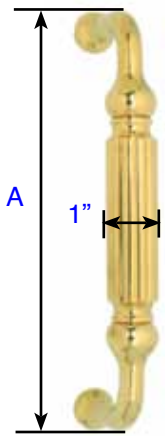
Shape of trim plate varies depending on style.

EMTEK
ASSA ABLOY

INSTALLATION REV. 11/2014

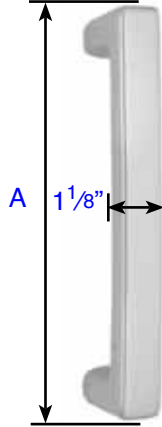
DOOR ACCESSORIES

BRASS 8" PULLS-BRASS PUSH AND PULL PLATES



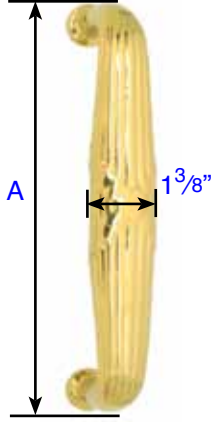
Knoxville Pull (86077)

Projection: $2\frac{1}{2}"$
 $A = 8\frac{13}{16}"$
 Base: $\frac{3}{4}"$ Diameter



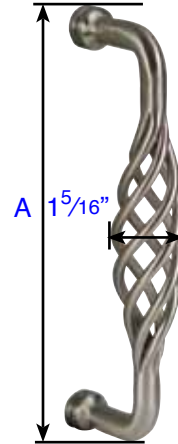
Wilshire Pull (86078)

Projection: $2\frac{1}{8}"$
 $A = 8\frac{7}{8}"$
 Base: $1\frac{1}{8}"$ Diameter



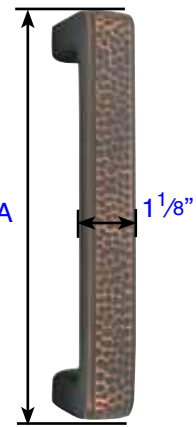
Ribbon & Reed Pull
(86080)

Projection: $2\frac{3}{8}"$
 $A = 8\frac{15}{16}"$
 Base: 1" Diameter



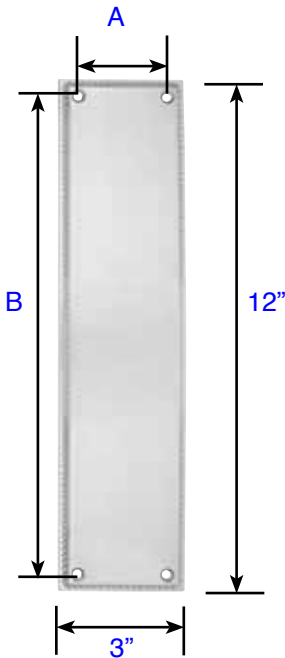
Lafayette Brass Pull
(86118)

Projection: $\frac{3}{4}"$
 $A = 8\frac{13}{16}"$
 Base: $\frac{3}{4}"$ Diameter



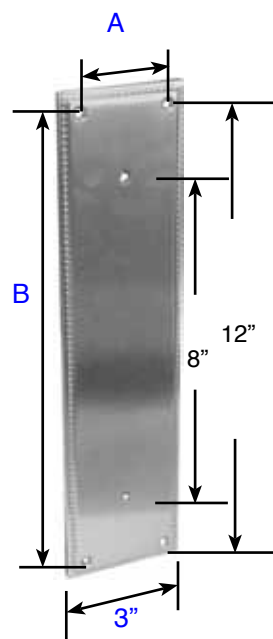
Arts & Crafts Pull
(86079)

Projection: $2\frac{1}{8}"$
 $A = 8\frac{7}{8}"$
 Base: $1\frac{1}{8}"$ Diameter



Knoxville Push (86081)
Plate

$A = 2\frac{1}{8}"$ Screw-to-Screw
 $B = 11\frac{1}{8}"$ Screw-to-Screw



Knoxville Pull Plate (86082)
Plate only
drilled to accept 8" pull

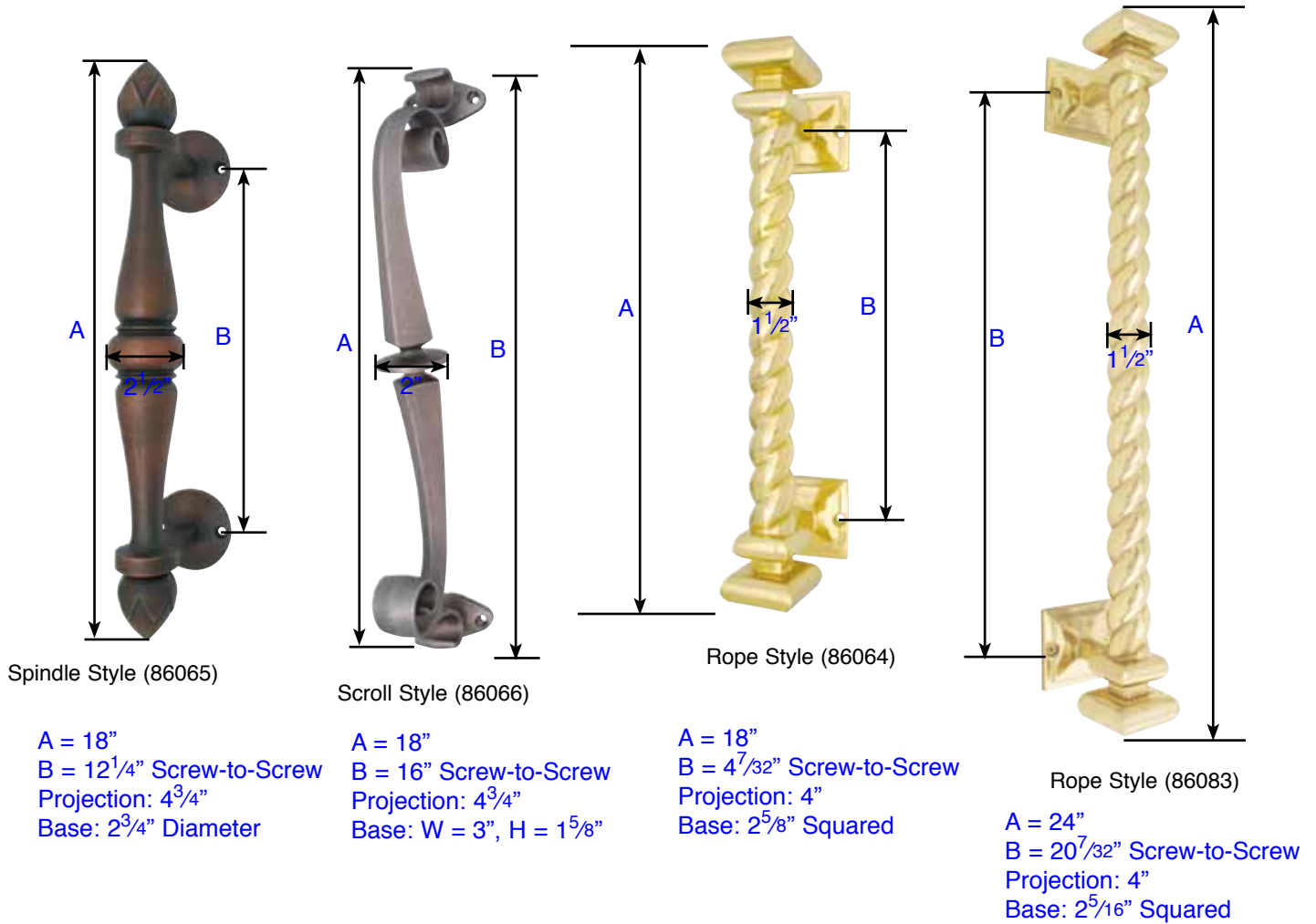
$A = 2\frac{1}{8}"$ Screw-to-Screw
 $B = 11\frac{1}{8}"$ Screw-to-Screw

Screw Specifications - Brass 8" Pulls

Standard Components:

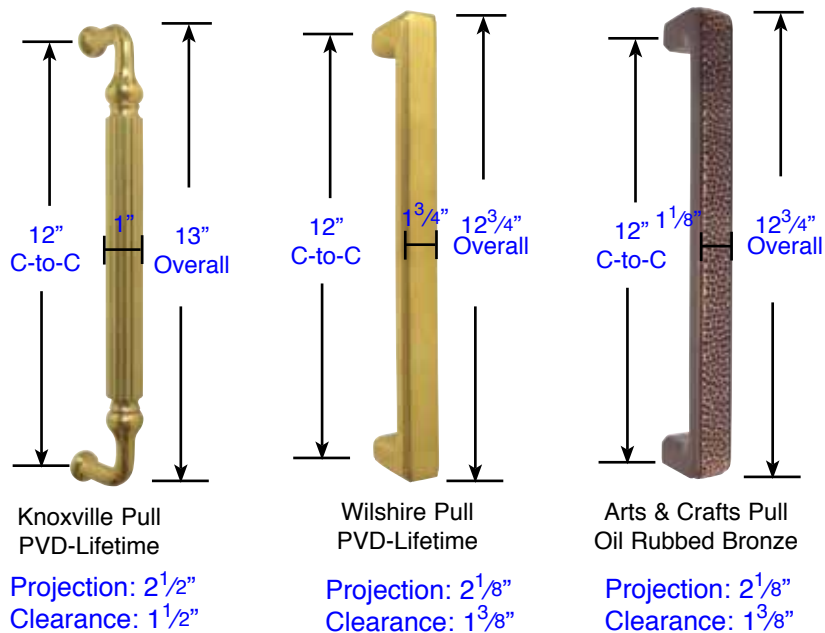
- 1", 10-32 Screws
- 1", 14-20 Screws
- Inserts for 14-20 screws
- Inserts for 10-32 screws

CAST BRASS DOOR PULLS



Screw Specifications - Brass 18" & 24" Pulls

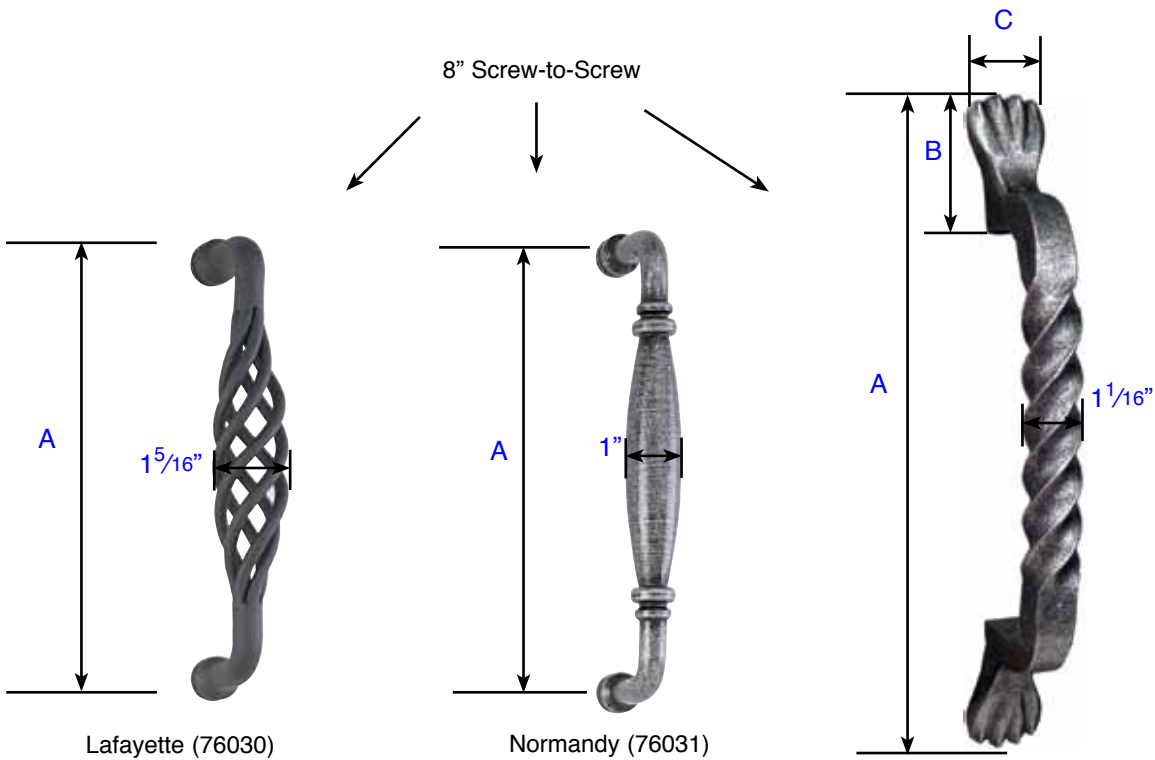
Standard Components:
 • #10, 1" Wood Screws



Screw Specifications - Brass 12" Pulls

Standard Components:
 • 1", 10-32 Screws
 • 1", 14-20 Screws
 • Inserts for 14-20 screws
 • Inserts for 10-32 screws

8", 18" AND 24" WROUGHT STEEL PULLS



Lafayette (76030)

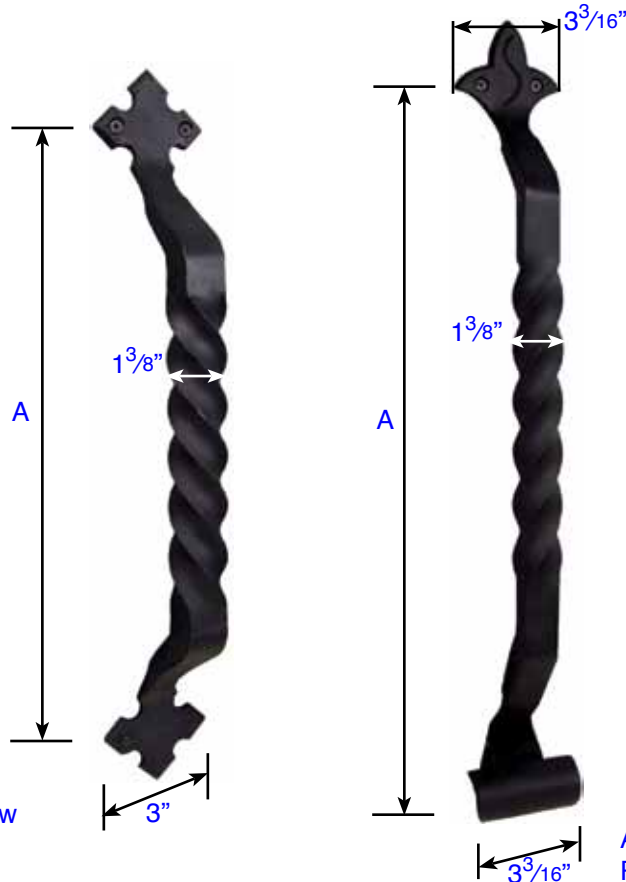
$A = 8\frac{13}{16}"$
Projection: $2\frac{1}{2}"$
Base: $\frac{3}{4}"$ Diameter

Normandy (76031)

$A = 8\frac{13}{16}"$
Projection: $2\frac{1}{2}"$
Base: $\frac{3}{4}"$ Diameter

San Carlos 8" (76028)

$A = 12\frac{1}{4}"$, $B = 2\frac{1}{2}"$, $C = 1\frac{1}{8}"$
Projection: $2\frac{7}{16}"$



San Carlos, 18" (76029)

San Carlos, 24" (76041)

$A = 14\frac{3}{4}"$ Screw-to-Screw
Projection: 3"

$A = 21\frac{15}{16}"$ Screw-to-Screw
Projection: 3"

Screw Specifications Wrought Steel 8" Pulls

Standard Components:

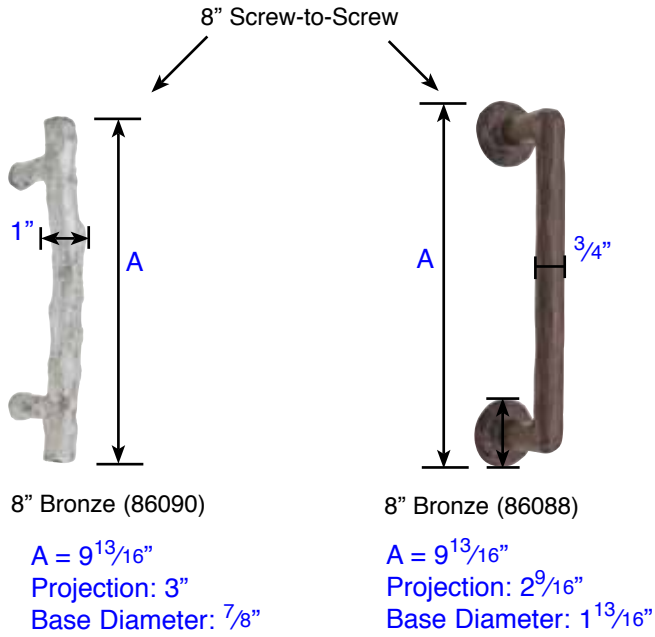
- 1", 10-32 Screws
- 1", 14-20 Screws
- Inserts for 14-20 screws
- Inserts for 10-32 screws

Screw Specifications Wrought Steel 18" & 24 Pulls

Standard Components:

- #10, 1" Wood Screws

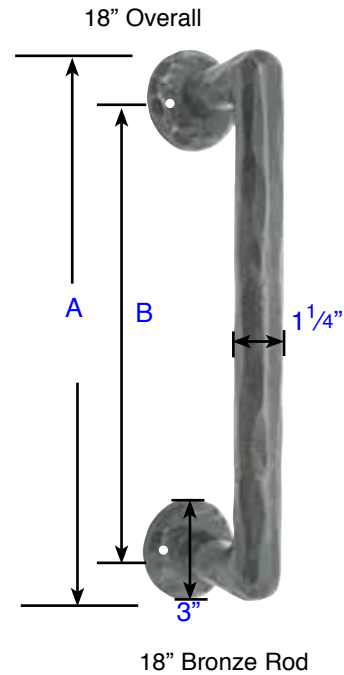
SANDCAST BRONZE AND LOST WAX CAST DOOR PULLS



Screw Specifications Cast Bronze 8" Pulls

Standard Components:

- 1", 10-32 Screws
- 1", 14-20 Screws

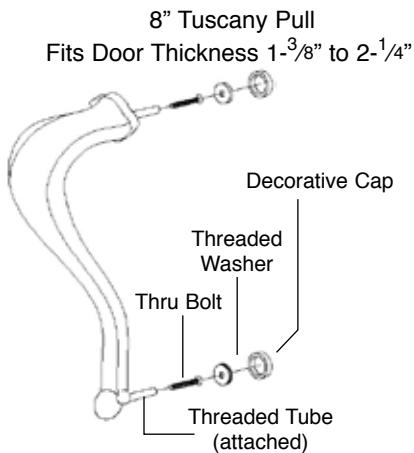


$A = 18" B = 15"$
Projection: $3\frac{3}{16}"$
Base Diameter: 3"

Screw Specifications Cast Bronze 18" Pulls

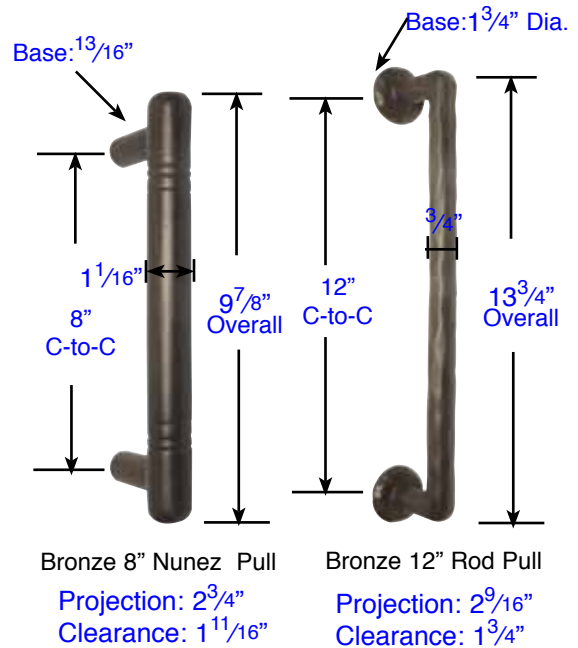
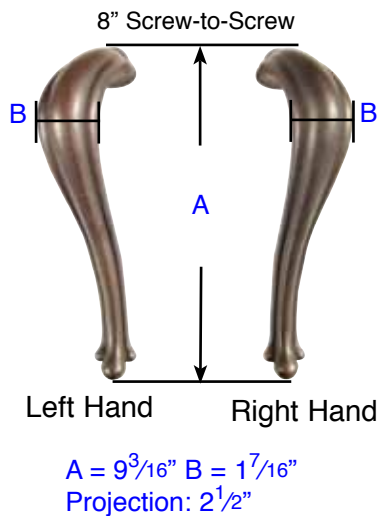
Standard Components:

- #10, 1" Wood Screws



Screw Specifications
Art Nouveau 8" Pull

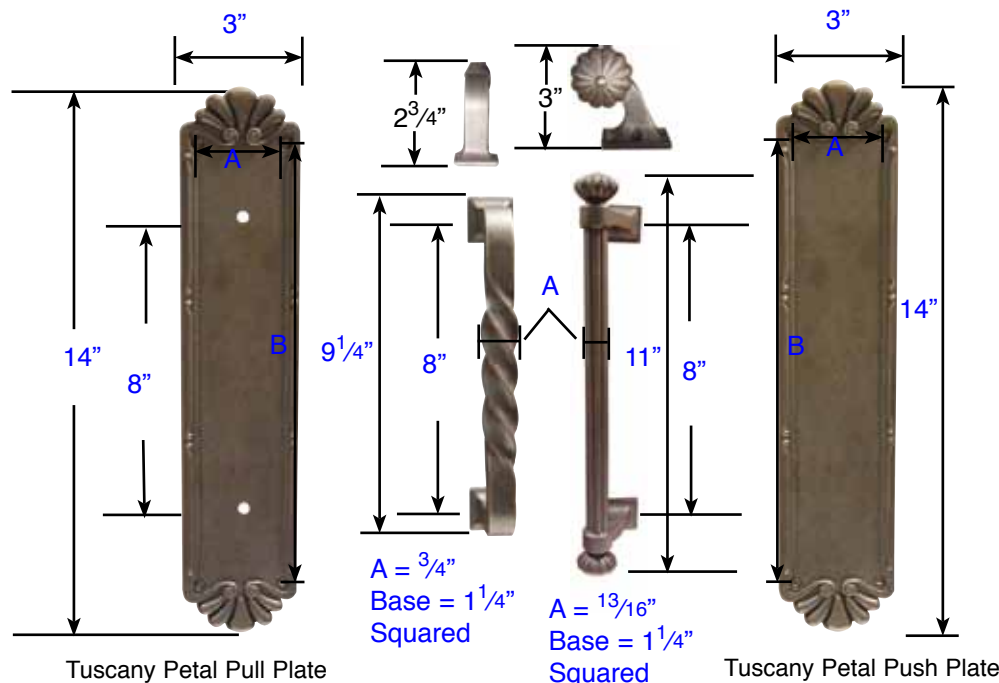
- $1\frac{1}{2}"$, 8-32 Screws



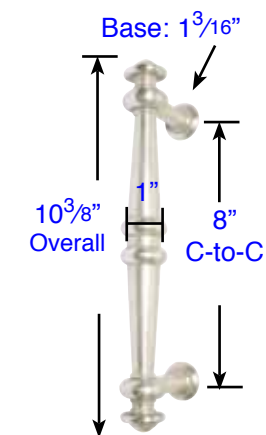
Standard Components:

- 1", 10-32 Screws
- 1", 14-20 Screws
- Inserts for 14-20 screws
- Inserts for 10-32 screws

LOST WAX CAST DOOR PULLS - PUSH & PULL PLATES

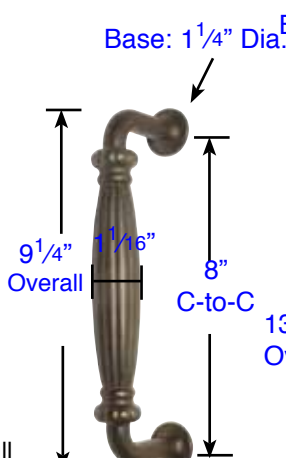


A = 2 5/32" Screw-to-Screw
 B = 11 1/4" Screw-to-Screw



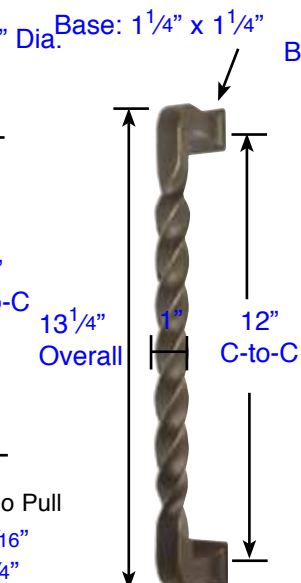
Tuscany 8" Recoleta Pull

Projection: 2 7/8"
 Clearance: 1 5/8"



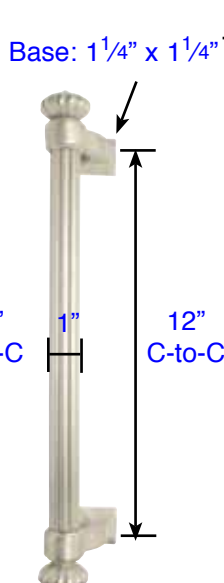
Tuscany 8" Palermo Pull

Projection: 2 13/16"
 Clearance: 1 3/4"



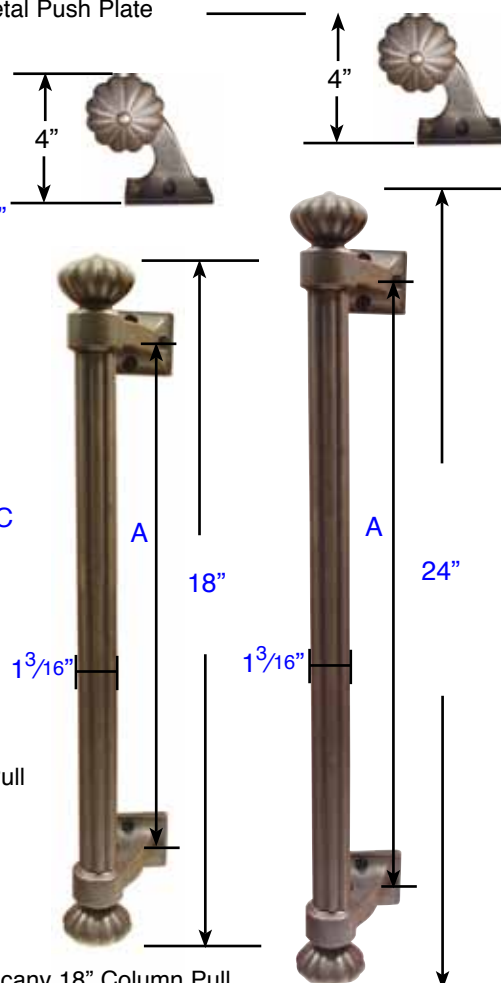
Tuscany 12" Twist Pull

Projection: 2 3/4"
 Clearance: 1 13/16"



Tuscany 12" Twist Pull

Projection: 3"
 Clearance: 2"



Tuscany 18" Column Pull
 Supplied with #10 wood screws.

A = 13 7/16" Screw-to-Screw
 Base = 2"L, 2 3/4"W

Tuscany 24" Column Pull
 Supplied with #10 wood screws.

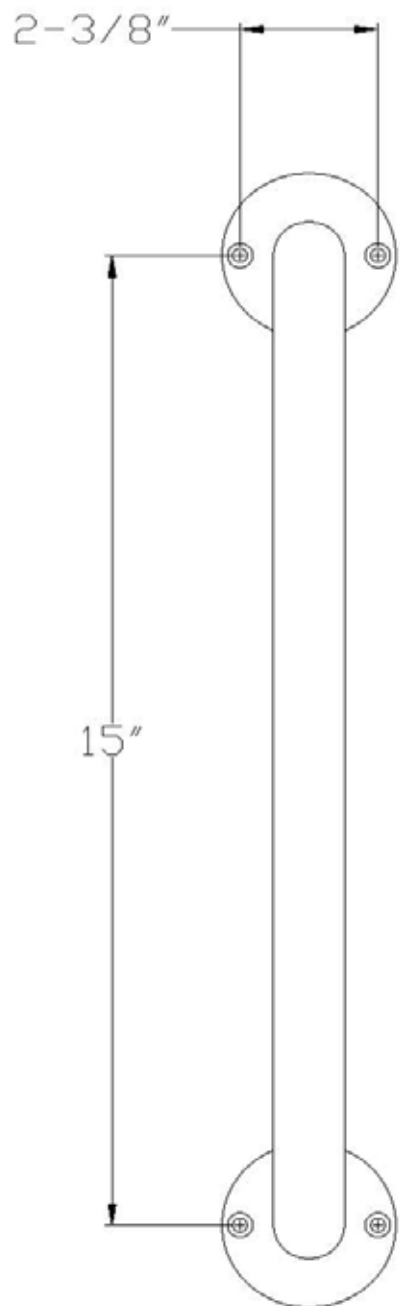
A = 19 7/16" Screw-to-Screw
 Base = 2"L, 2 3/4"W

- Standard Components:**
- 1", 10-32 Screws
 - 1", 14-20 Screws
 - Inserts for 14-20 screws
 - Inserts for 10-32 screws

8" Tuscany Twist - (86069)
 8" Tuscany Column - (86156)
 Tuscany Petal Push Plate - (86181)
 Tuscany Petal Pull Plate - (86182)
 18" Column Pull - (86157)
 24" Column Pull - (86158)

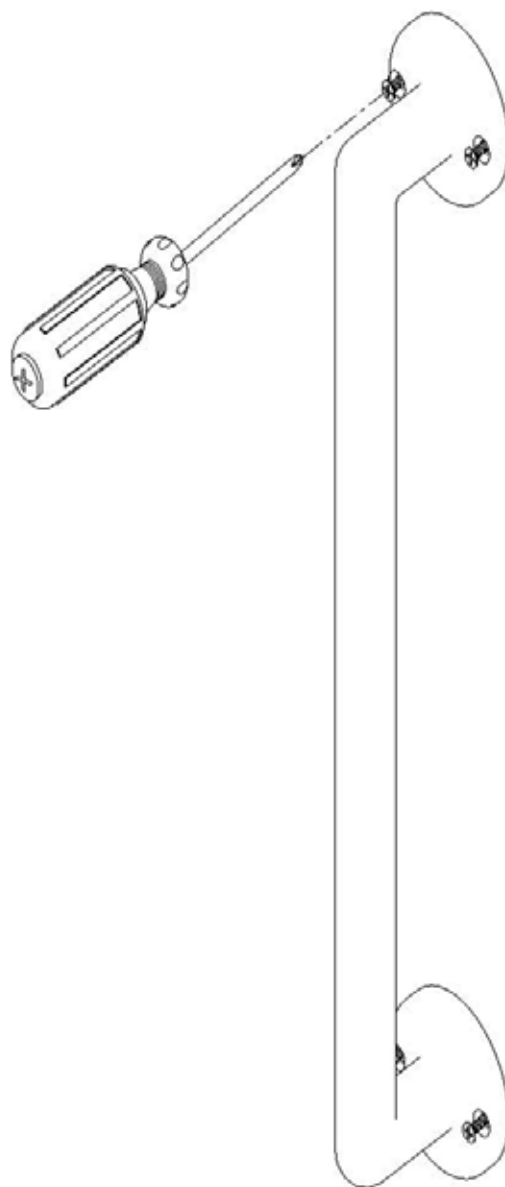
Drill Holes

Drill four 5/32" holes



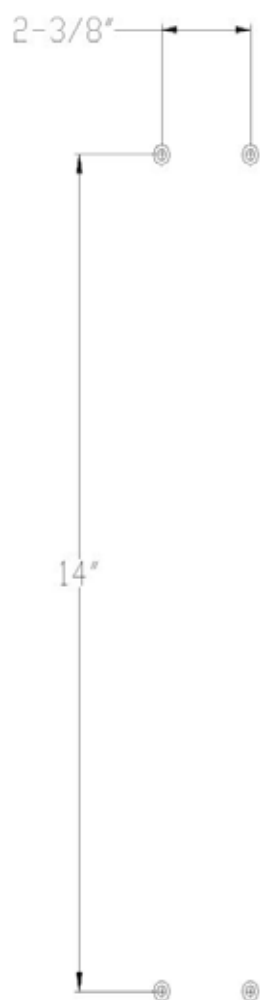
Install Rod Pull

Position Rod Pull on door. Use #2 Phillips head screwdriver to install #10 wood screws (provided).



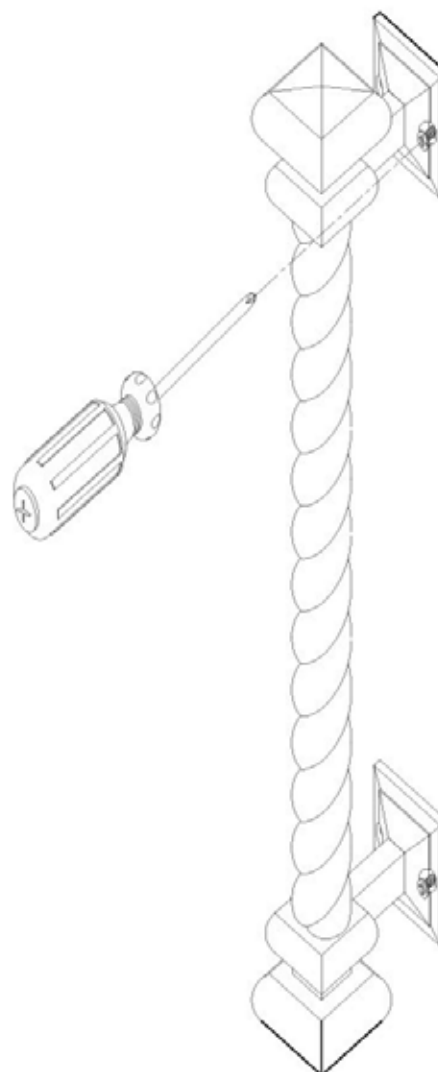
Drill Holes

Drill four 5/32" holes



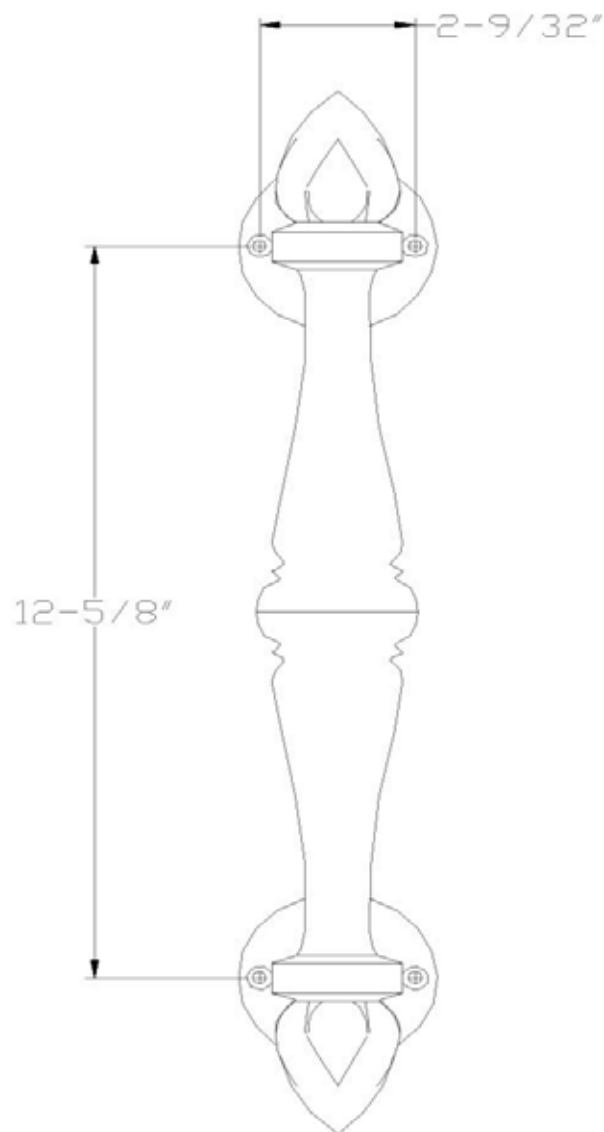
Install Rope Pull

Position Rope Pull on door. Use #2 Phillips head screwdriver to install #10 wood screws (provided).



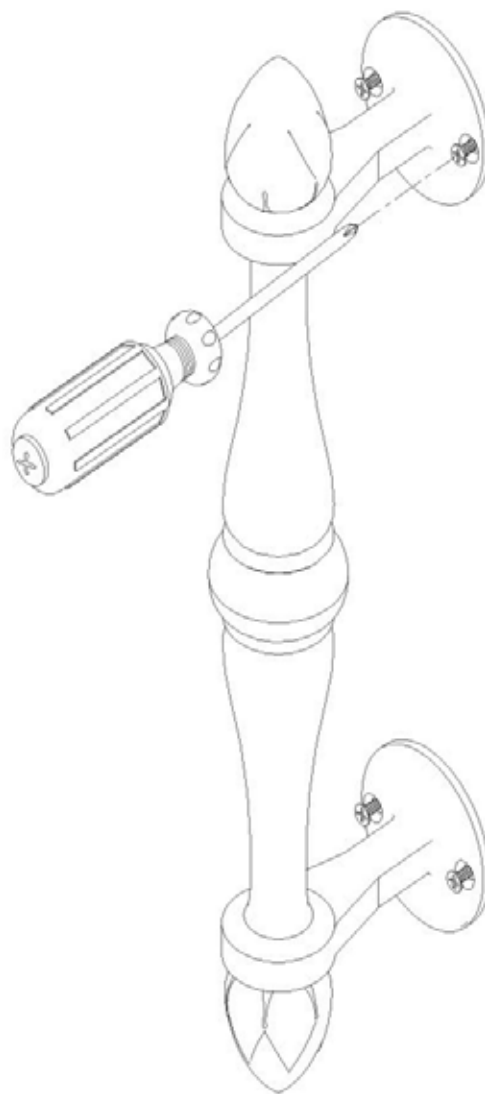
Drill Holes

Drill four 5/32" holes

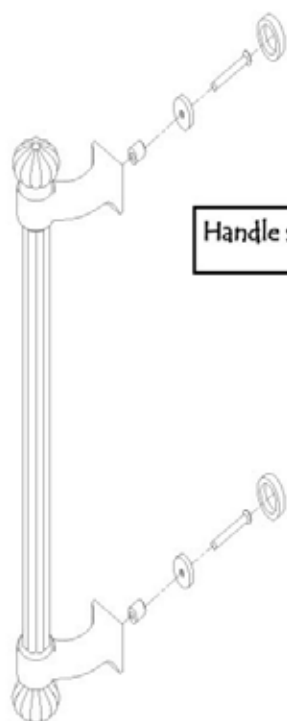


Install Door Pull

Position Door Pull on door. Use #2 Phillips head screwdriver to install #10 wood screws (provided).



Exploded View



Handle style Will vary with model.

Install Threaded Adapters

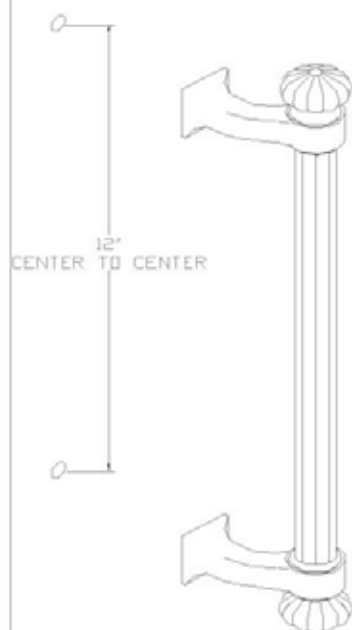


Use flat head screwdriver to install 3/8-16 threaded inserts (provided) Flush to Handle.

Note: Threaded Insert adapters are provided With 8-32 & 1/4-20 internal threads to Be used with corresponding screw size.

Door Preparation

Drill two 3/16" or larger holes 12" apart on center thru door.



Install Thru Bolts & Caps

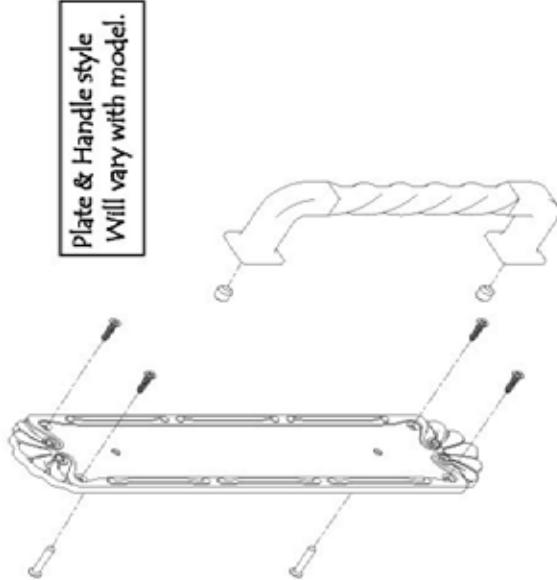
Position Door Pull on door and Secure with #10 wood screws (provided) from the opposite side. Use #2 Phillips screwdriver.



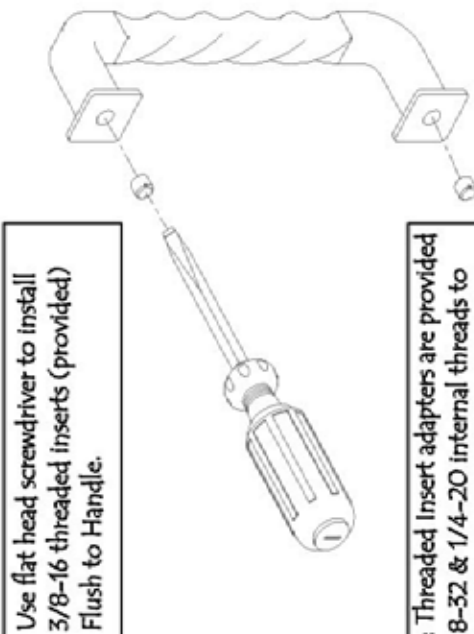
Hand tighten Decorative Cap over threaded washer (provided).

Installation Instructions - 8" Center to Center Door Pulls and Plates.

Exploded View

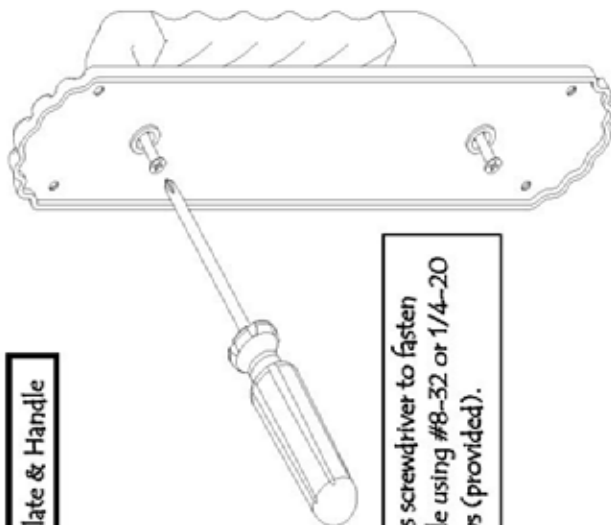


Install Insert Screws

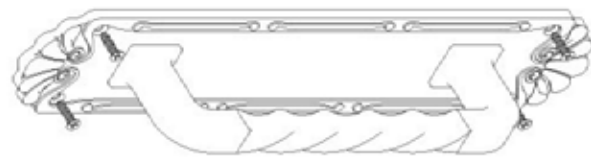


Note: Threaded Insert adapters are provided
With 8-32 & 1/4-20 internal threads to
Be used with corresponding screw size.

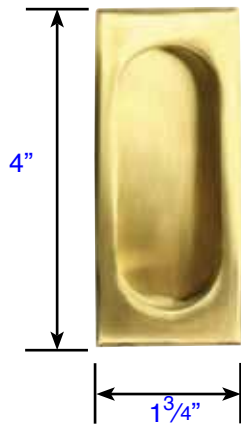
Assemble Plate & Handle



Install on Door



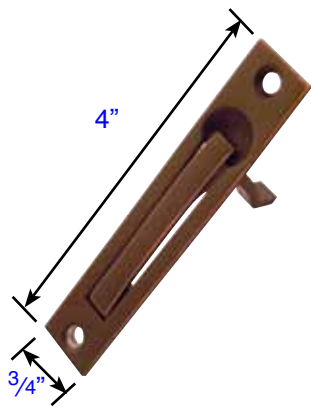
SOLID BRASS DOOR ACCESSORIES



Rectangular Flush Pull (2201)



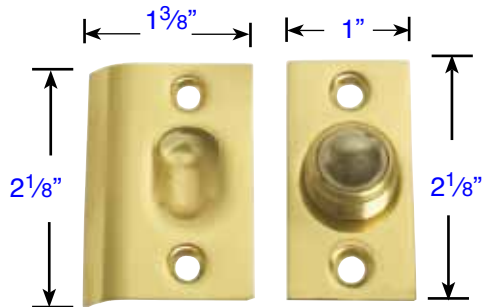
Round Flush Pull (2211)



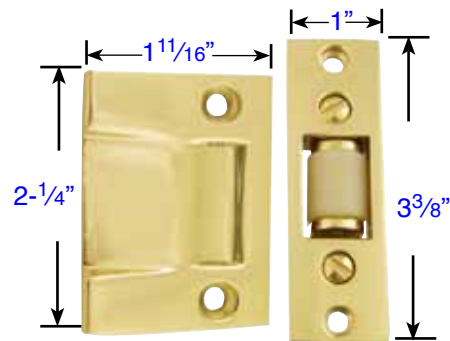
Edge Pull with Screws (2221)



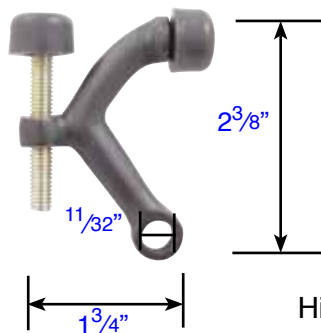
3" (2232) & 4" (2231)
Door Stop
Base = 1 1/4"



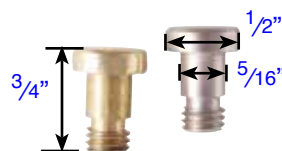
Ball Catch
with Strike & Screws (8802)



Roller Catch
with Strike & Screws (8801)

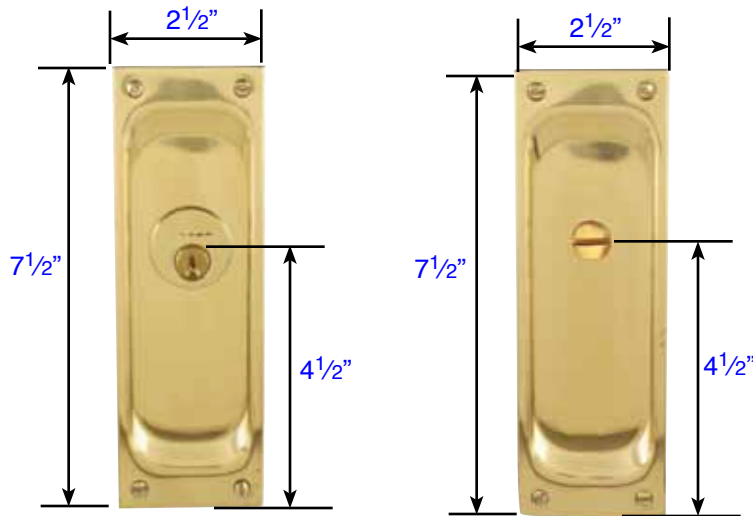


Hinge Pivot Stop
(2241)



Extended Button Tip
(2242)

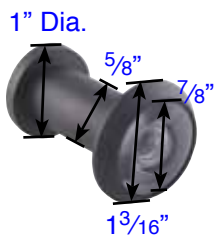
SOLID BRASS DOOR ACCESSORIES



Pocket Door Mortise Locks
 Keyed - part# (2103)
 Passage - part# (2104)
 Privacy - part# (2105)
 Dummy - part# (2106)

- Fits standard door thickness 1-³/₈" to 1³/₄" (Must Specify Door Thickness)
- Plates are ¹/₁₆" Thick

Solid Brass Door Viewer
(2610)



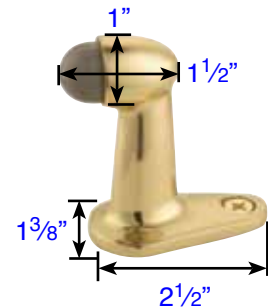
- Fits standard door thickness 1-³/₈" to 2"
 (not available for thicker door)

Half Dome Door Stop
(2251)



1" Projection (tall)
 1¹³/₁₆" Base Diameter

Goose Style Door Stop
(2253)

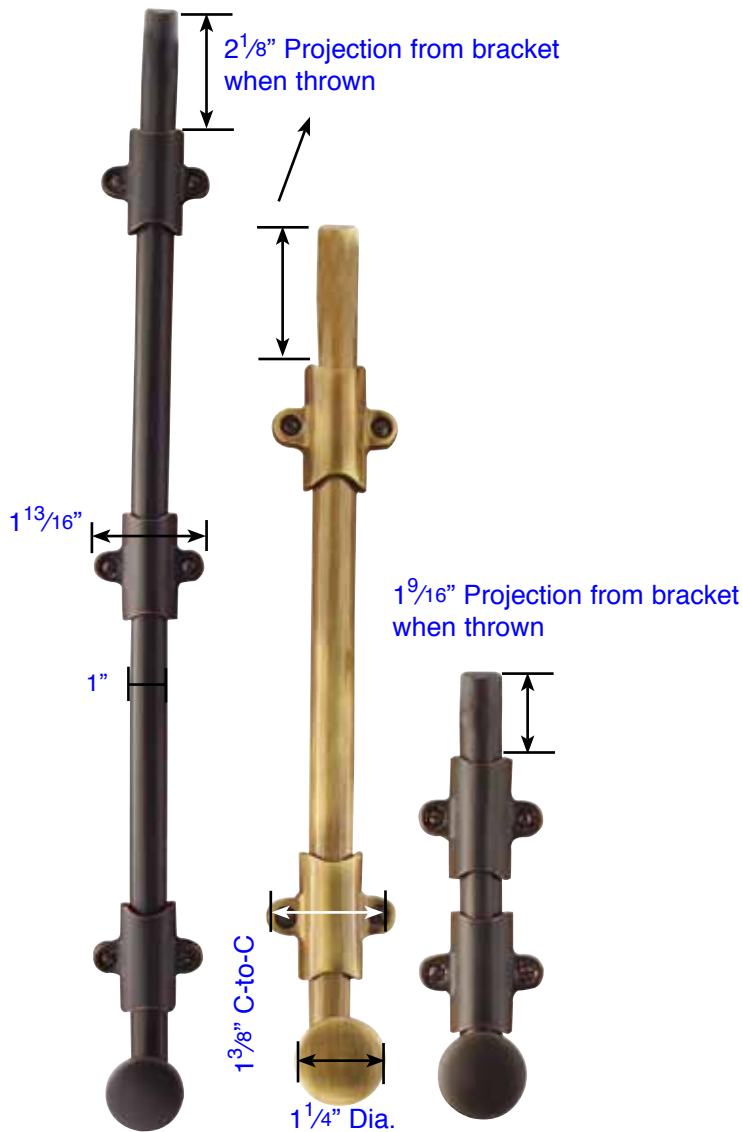
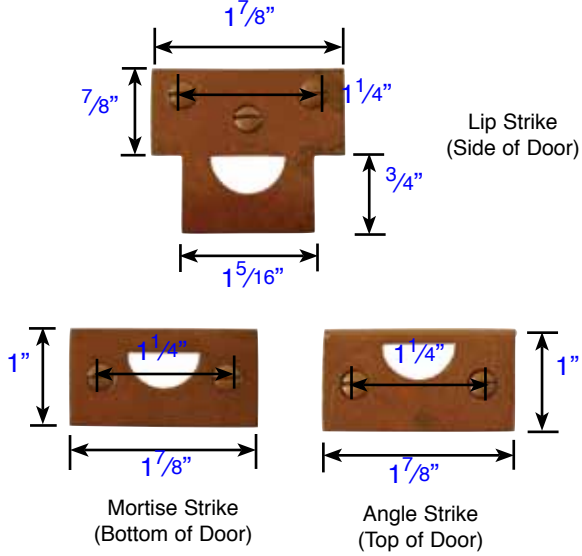


2⁷/₈" Tall

DOOR ACCESSORIES

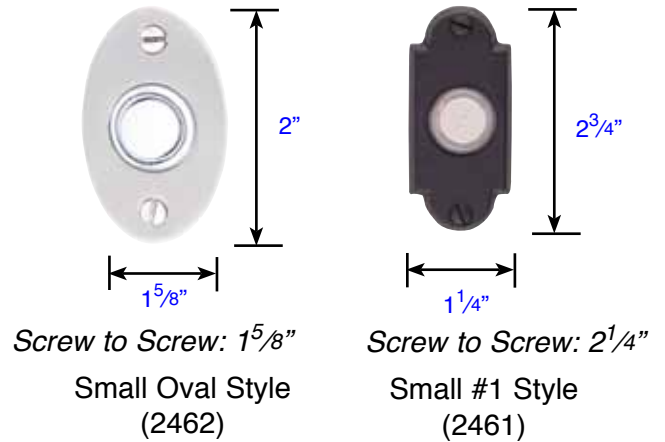
Solid Brass Surface Bolts

Surface Bolt 6" (8511)
with 3 Strikes & Screws



Surface Bolt 18" (8513), 12" (8512)
with 3 Strikes & Screws

Supplied With Matching Screws & Lighted Button

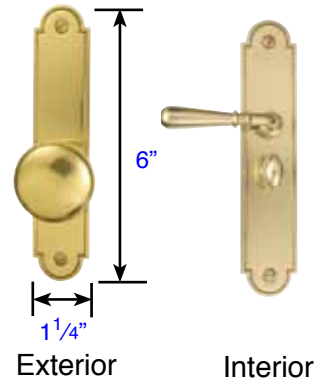


*Note:

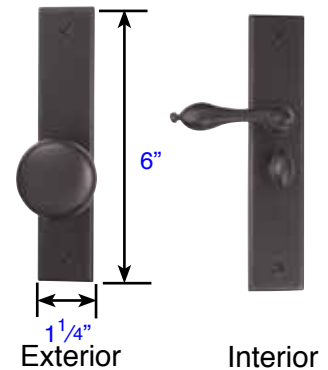
These are the dimensions for these two styles only. All other doorbell button rosettes are the same dimensions as the passage/privacy rosettes.

Screen Door Locksets

Arch Style
Brass (2290)
Bronze (2290)



Rectangular Style
Brass (2291)
Bronze (2291)



Exterior & Interior

Clearance: 3/4"

Projection: 1 5/8"

Lever Length: 2 5/8"

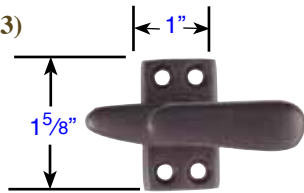
Knob Diameter: 1 11/16"

Door Thickness Specifications: 1"-1 3/4"

DOOR ACCESSORIES

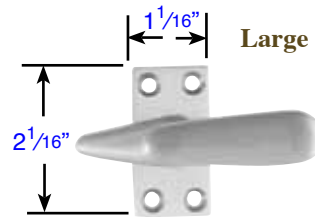
Solid Brass Casement Latches

Standard (8703)



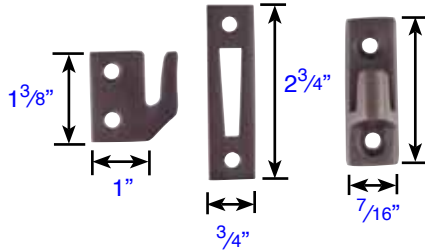
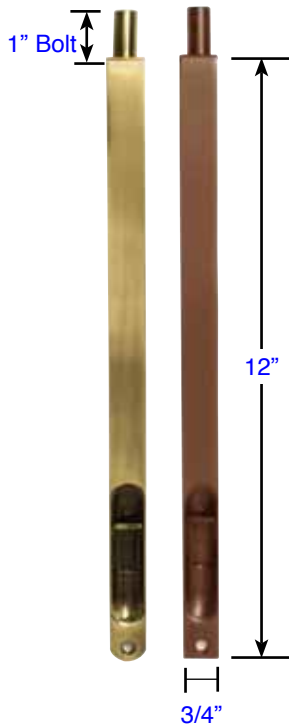
Projection: $1\frac{7}{8}$ "

Large (8713)

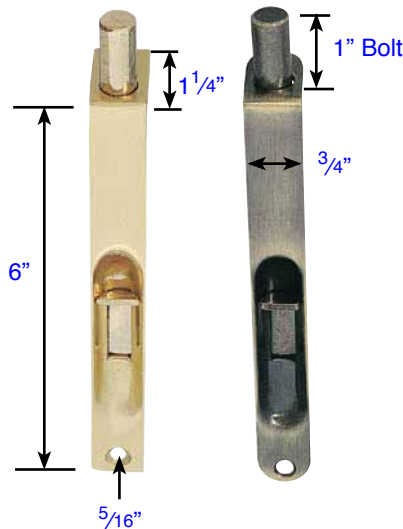


Projection: $1\frac{7}{8}$ "

12" Flush Bolts



6" Flush Bolts

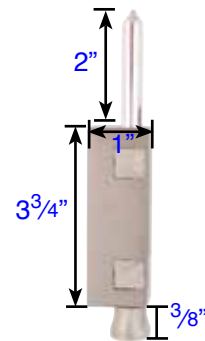


Patio Door Bolts, Keyed

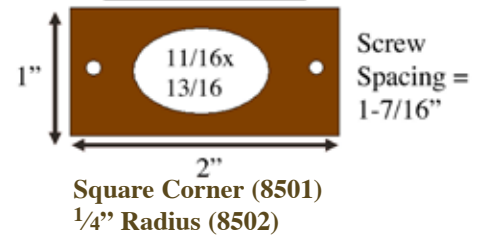
Silver	206011
Bronze	206012
White	206016
Black	206017

Non-Keyed

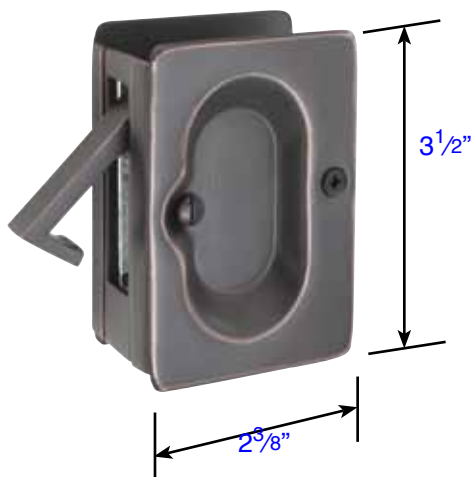
Silver	206511
Bronze	206512
White	206516



Flush Bolt Strike

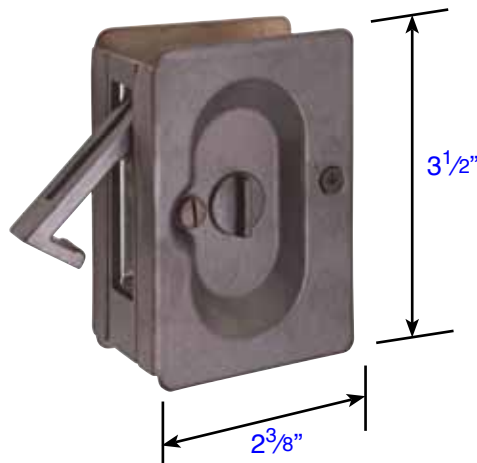


POCKET DOOR LOCKS



Passage Function

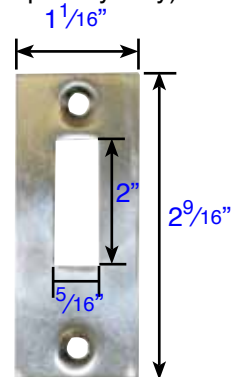
- Fits door thickness $1\frac{3}{8}$ " to $1\frac{3}{4}$ "
- Standard rectangular door prep $3\frac{1}{8}$ " x $1\frac{3}{4}$ "



Privacy Function

- Fits door thickness $1\frac{3}{8}$ " to $1\frac{3}{4}$ "
- Standard rectangular door prep $3\frac{1}{8}$ " x $1\frac{3}{4}$ "
- Complete with strikeplate

Strike Plate (for privacy only)



2" Screw-to-Screw
 $\frac{1}{16}$ " Thick

BRASS HOUSE NUMBERS

Supplied With Matching Screws



BRONZE HOUSE NUMBERS



DOOR ACCESSORIES

Switch Plates Forged Brass - Colonial Design

Includes $\frac{1}{2}$ " & $\frac{3}{4}$ " 6-32 Machine Screws

All Plates approx. $\frac{1}{4}$ " Thick

<p>$4\frac{5}{8}$" H x $2\frac{7}{8}$" W</p>	<p>Description</p> <p>Toggle 1, Colonial Switch Plate (29111)</p> <p>Toggle 2, Colonial Switch Plate (29112)</p> <p>Toggle 3, Colonial Switch Plate (29113)</p> <p>Toggle 4, Colonial Switch Plate (29114)</p>	<p>$4\frac{5}{8}$" Squared</p>	<p>$4\frac{5}{8}$" H x $6\frac{3}{8}$" W</p>	<p>$4\frac{5}{8}$" H x $8\frac{1}{4}$" W</p>
<p>$4\frac{5}{8}$" H x $2\frac{7}{8}$" W</p>	<p>Rocker 1, Colonial Switch Plate (29121)</p> <p>Rocker 2, Colonial Switch Plate (29122)</p> <p>Rocker 3, Colonial Switch Plate (29123)</p> <p>Rocker 4, Colonial Switch Plate (29124)</p>	<p>$4\frac{5}{8}$" Squared</p>	<p>$4\frac{5}{8}$" H x $6\frac{3}{8}$" W</p>	<p>$4\frac{5}{8}$" H x $8\frac{1}{4}$" W</p>
<p>$4\frac{5}{8}$" H x $2\frac{7}{8}$" W</p>	<p>Duplex 1, Colonial Switch Plate (29131)</p> <p>Duplex 2, Colonial Switch Plate (29132)</p>	<p>$4\frac{5}{8}$" Squared</p>		
<p>$4\frac{5}{8}$" Squared</p>	<p>Toggle 1, Duplex 1 (29141)</p> <p>Toggle 2, Duplex 1 (29142)</p> <p>Rocker 1, Duplex 1 (29143)</p>	<p>$4\frac{5}{8}$" H x $6\frac{3}{8}$" W</p>	<p>$4\frac{5}{8}$" Squared</p>	
<p>$4\frac{5}{8}$" H x $2\frac{7}{8}$" W</p> <p>$3\frac{1}{4}$" C-to-C</p>	<p>Colonial Blank Plate (29151)</p>			
<p>$4\frac{5}{8}$" H x $2\frac{7}{8}$" W</p> <p>$\frac{3}{8}$" Dia.</p>	<p>Colonial Cable Plate (29161)</p>			

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DOOR ACCESSORIES

Switch Plates Forged Brass - Rope Design

Includes $\frac{1}{2}$ " & $\frac{3}{4}$ " 6-32 Machine Screws

All Plates approx. $\frac{5}{16}$ " Thick

<p>$5\frac{1}{8}$" H x 3" W</p>	<p>Description</p> <p>Toggle 1, Rope Switch Plate (29211)</p> <p>Toggle 2, Rope Switch Plate (29212)</p> <p>Toggle 3, Rope Switch Plate (29213)</p> <p>Toggle 4, Rope Switch Plate (29214)</p>	<p>$5\frac{1}{8}$" H x $4\frac{5}{8}$" W</p>	<p>$5\frac{1}{8}$" H x $6\frac{1}{2}$" W</p>	<p>$5\frac{1}{8}$" H x $8\frac{9}{32}$" W</p>
<p>$5\frac{1}{8}$" H x 3" W</p>	<p>Rocker 1, Rope Switch Plate (29221)</p> <p>Rocker 2, Rope Switch Plate (29222)</p> <p>Rocker 3, Rope Switch Plate (29223)</p> <p>Rocker 4, Rope Switch Plate (29224)</p>	<p>$5\frac{1}{8}$" H x $4\frac{5}{8}$" W</p>	<p>$5\frac{1}{8}$" H x $6\frac{1}{2}$" W</p>	<p>$5\frac{1}{8}$" H x $8\frac{9}{32}$" W</p>
<p>$5\frac{1}{8}$" H x 3" W</p>	<p>Duplex 1, Rope Switch Plate (29231)</p> <p>Duplex 2, Rope Switch Plate (29232)</p>	<p>$5\frac{1}{8}$" H x $4\frac{5}{8}$" W</p>		
<p>$5\frac{1}{8}$" H x $4\frac{5}{8}$" W</p>	<p>Toggle 1, Duplex 1 (29241)</p> <p>Toggle 2, Duplex 1 (29242)</p> <p>Rocker 1, Duplex 1 (29243)</p>	<p>$5\frac{1}{8}$" H x $6\frac{1}{2}$" W</p>	<p>$5\frac{1}{8}$" H x $4\frac{5}{8}$" W</p>	
<p>$5\frac{1}{8}$" H x 3" W</p> <p>$3\frac{1}{4}$" C-to-C</p>	<p>Rope Blank Plate (29251)</p>			
<p>$5\frac{1}{8}$" H x 3" W</p> <p>$\frac{3}{8}$" Dia.</p>	<p>Rope Cable Plate (29261)</p>			

DOOR ACCESSORIES

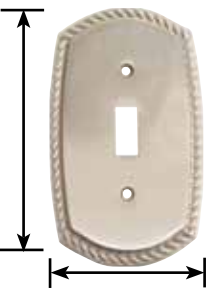
Switch Plates Cast Bronze

Includes $\frac{1}{2}$ " & $\frac{3}{4}$ " 6-32 Machine Screws

All Plates approx. $\frac{1}{4}$ " Thick

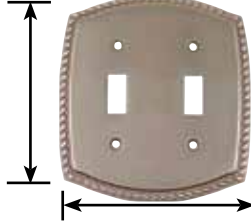
Description

$4\frac{5}{8}$ " H x $2\frac{7}{8}$ " W

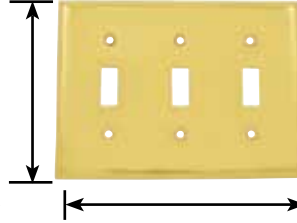


- Toggle 1, Bronze Switch Plate (29311)
- Toggle 2, Bronze Switch Plate (29312)
- Toggle 3, Bronze Switch Plate (29313)
- Toggle 4, Bronze Switch Plate (29314)

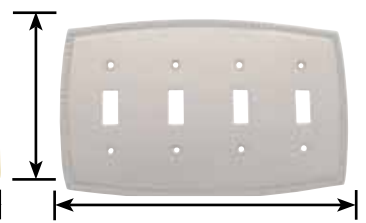
$4\frac{5}{8}$ " Squared



$4\frac{5}{8}$ " H x $6\frac{3}{8}$ " W



$4\frac{5}{8}$ " H x $8\frac{1}{4}$ " W

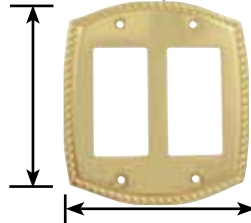


$4\frac{5}{8}$ " H x $2\frac{7}{8}$ " W

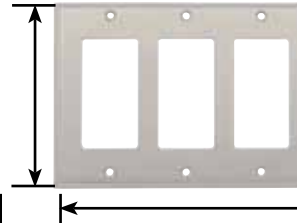


- Rocker 1, Bronze Switch Plate (29321)
- Rocker 2, Bronze Switch Plate (29312)
- Rocker 3, Bronze Switch Plate (29313)
- Rocker 4, Bronze Switch Plate (29314)

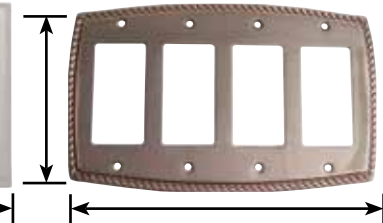
$4\frac{5}{8}$ " Squared



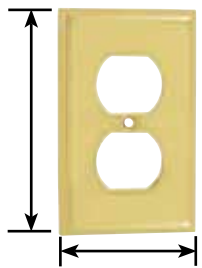
$4\frac{5}{8}$ " H x $6\frac{3}{8}$ " W



$4\frac{5}{8}$ " H x $8\frac{1}{4}$ " W

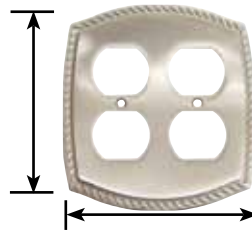


$4\frac{5}{8}$ " H x $2\frac{7}{8}$ " W

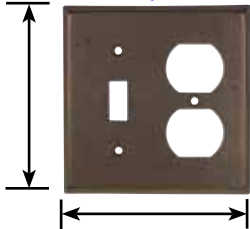


- Duplex 1, Bronze Switch Plate (29331)
- Duplex 2, Bronze Switch Plate (29332)

$4\frac{5}{8}$ " Squared

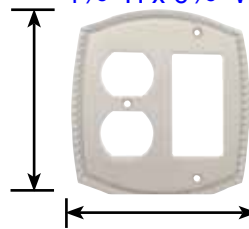


$4\frac{5}{8}$ " Squared

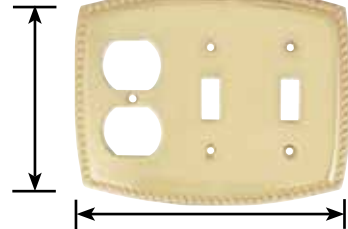


- Toggle 1, Duplex 1 (29341)
- Toggle 2, Duplex 1 (29342)
- Rocker 1, Duplex 1 (29343)

$4\frac{5}{8}$ " H x $6\frac{3}{8}$ " W

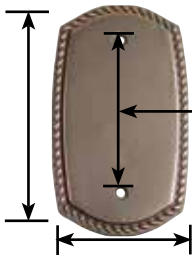


$4\frac{5}{8}$ " Squared



$4\frac{5}{8}$ " H x $2\frac{7}{8}$ " W

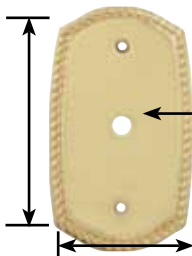
$3\frac{1}{4}$ " C-to-C



Bronze Blank Plate (29351)

$4\frac{5}{8}$ " H x $2\frac{7}{8}$ " W

$\frac{3}{8}$ " Dia.



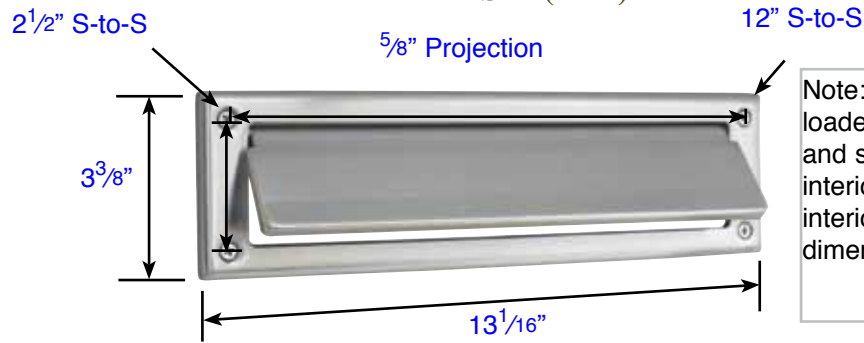
Bronze Cable Plate (29361)

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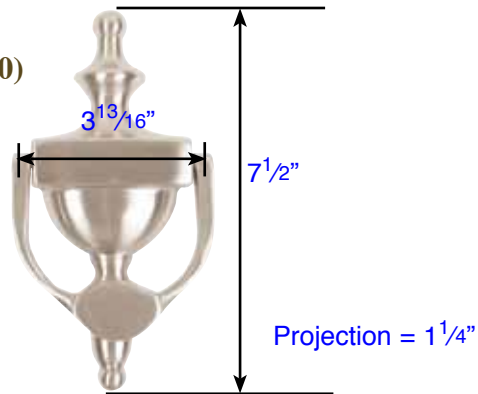
DOOR ACCESSORIES

Brass Mail Slot (2280)



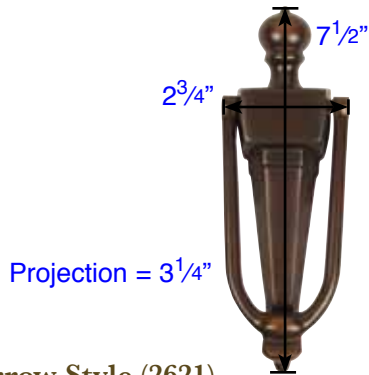
Note: Mail flap is spring loaded on the exterior and swing loosely on the interior. Both exterior and interior trims have the same dimensions.

Brass Door Knockers (2620)

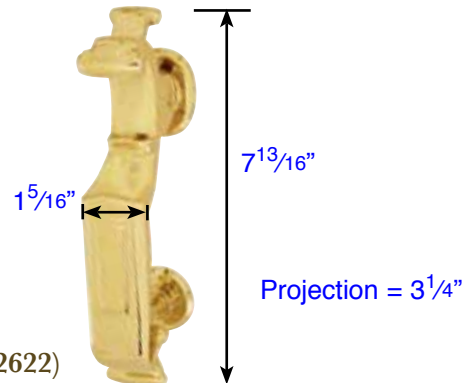


Urn Style

Note: We recommend that US3 finish be selected for those who intend to have the door knocker engraved. Emtek does not offer engraving services at this time



Narrow Style (2621)



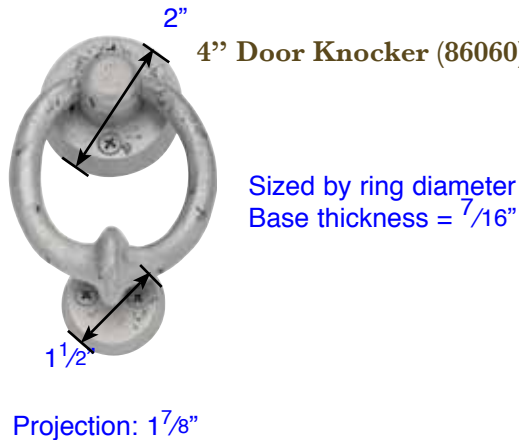
S Style (2622)

Bronze Door Knockers

3" Door Knocker (86059)

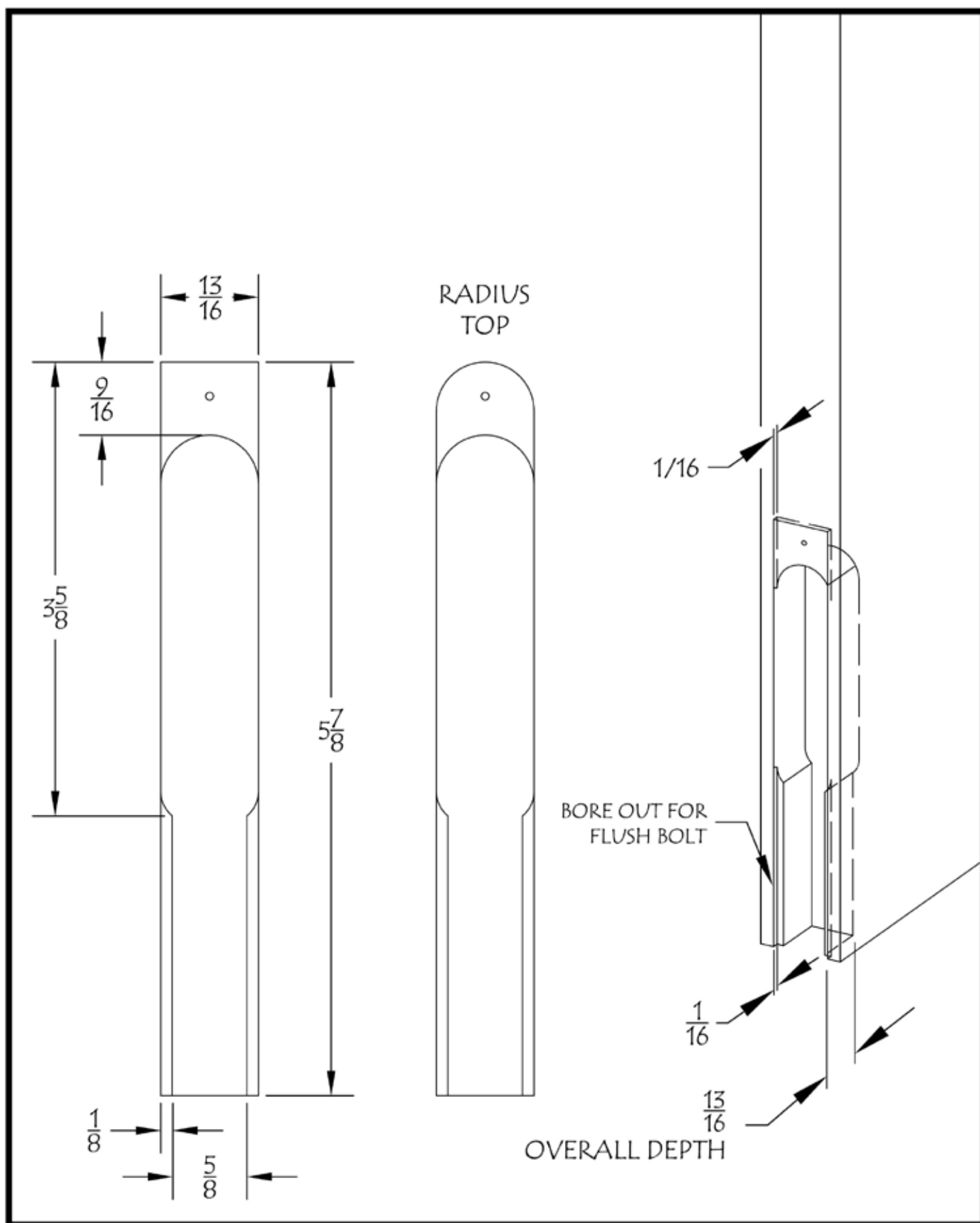


4" Door Knocker (86060)

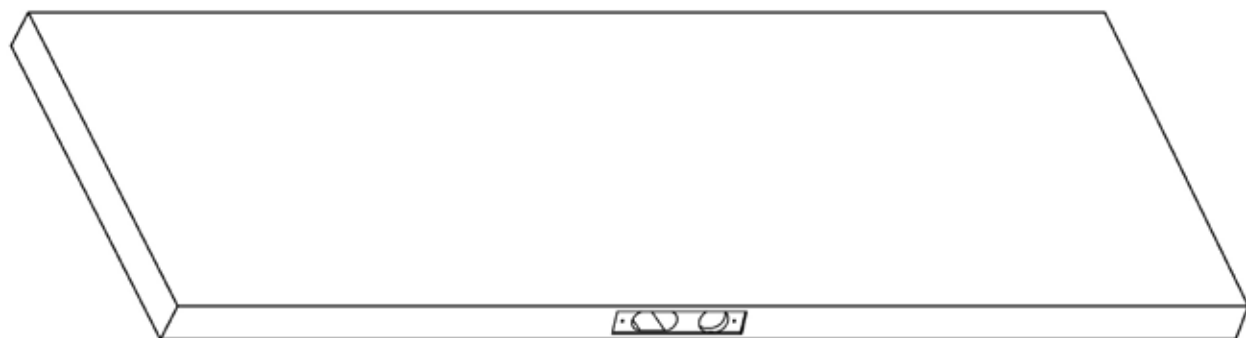
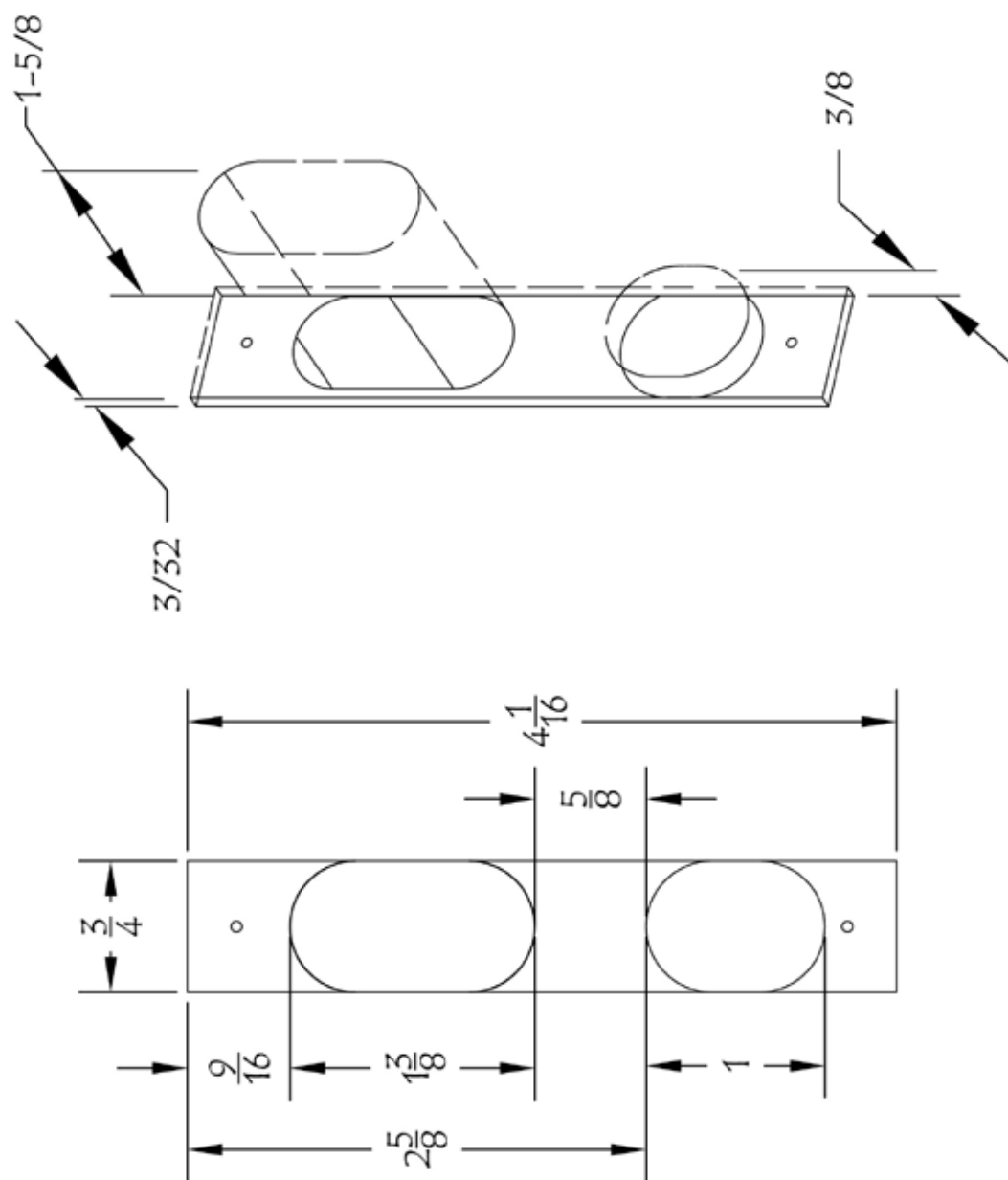


Bronze Door Knockers and Ring Pulls

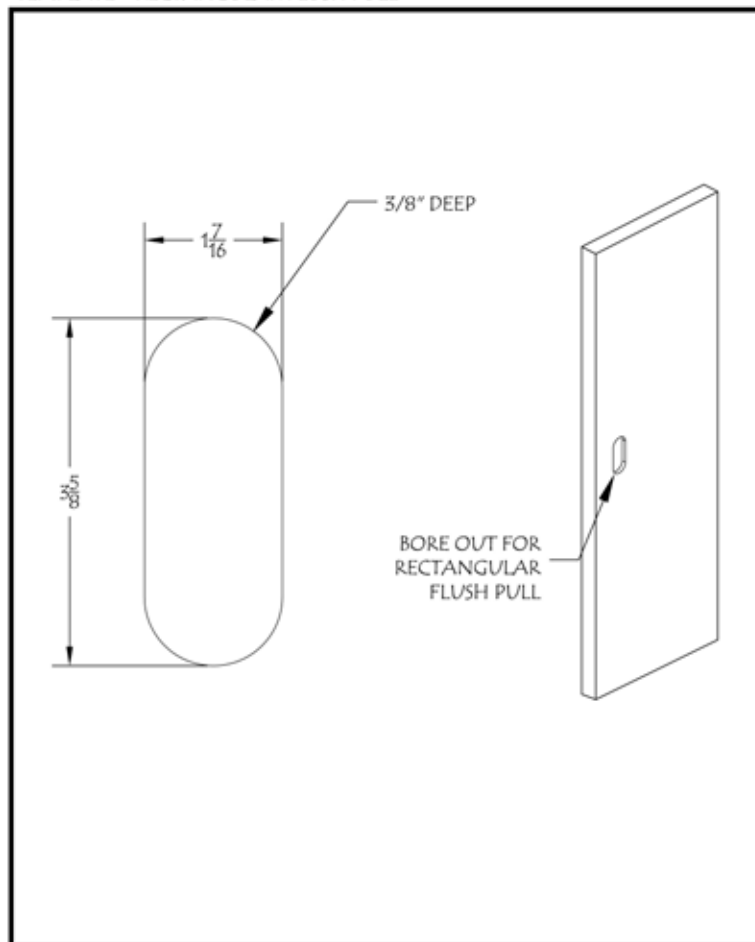
TEMPLATE - FLUSH BOLT



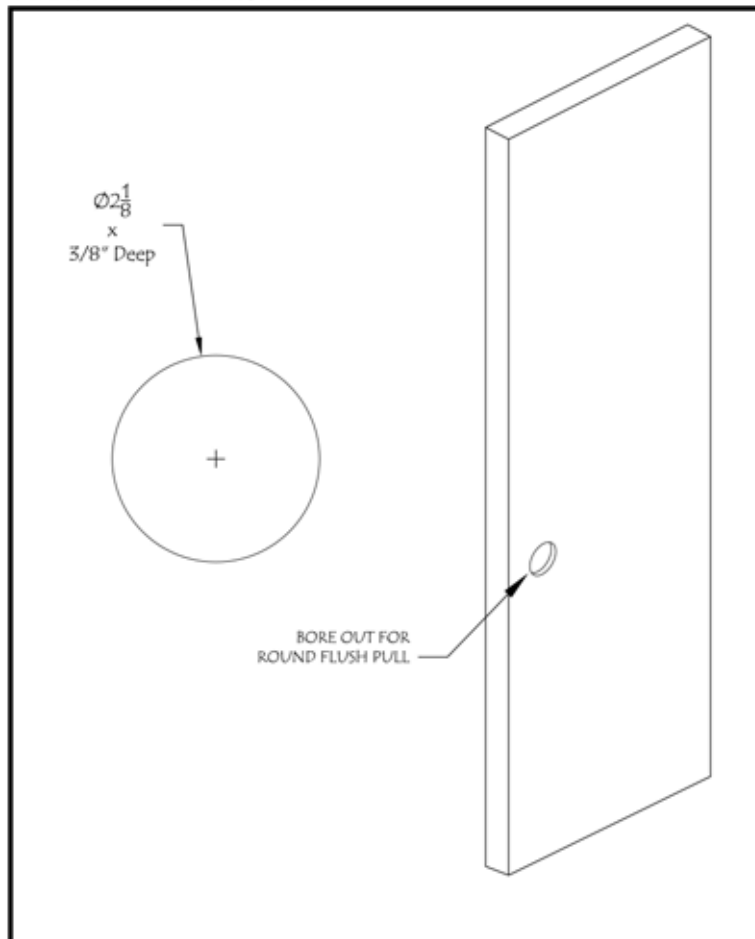
TEMPLATE - EDGE PULL



TEMPLATE - RECTANGULAR FLUSH PULL



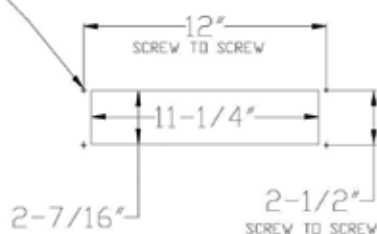
TEMPLATE - ROUND FLUSH PULL



Installation Instructions-Mail Slot

Door Prep

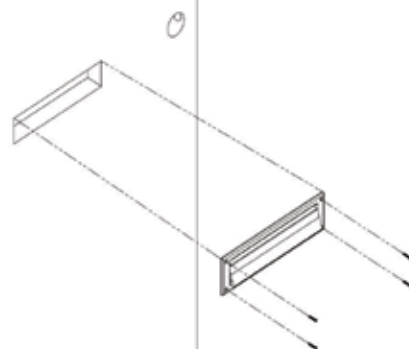
DRILL FOR WOOD SCREWS
PROVIDED 4 PLACES



Prep mail slot opening by cutting thru door
And drill for wood screws provided.

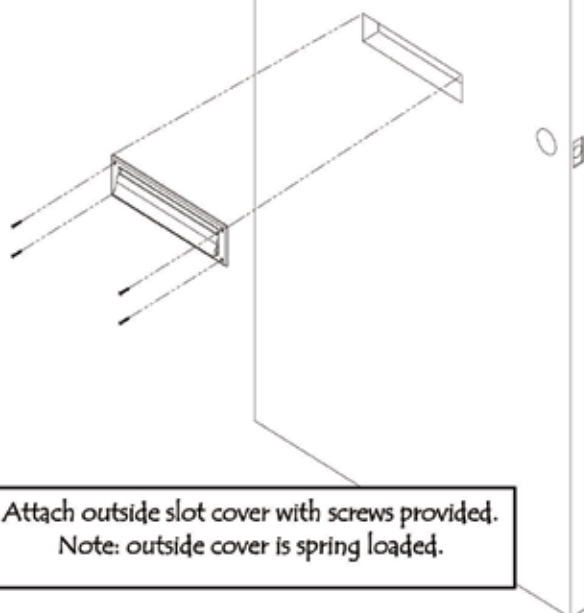
Inside Trim

Attach inside slot cover with screws provided.

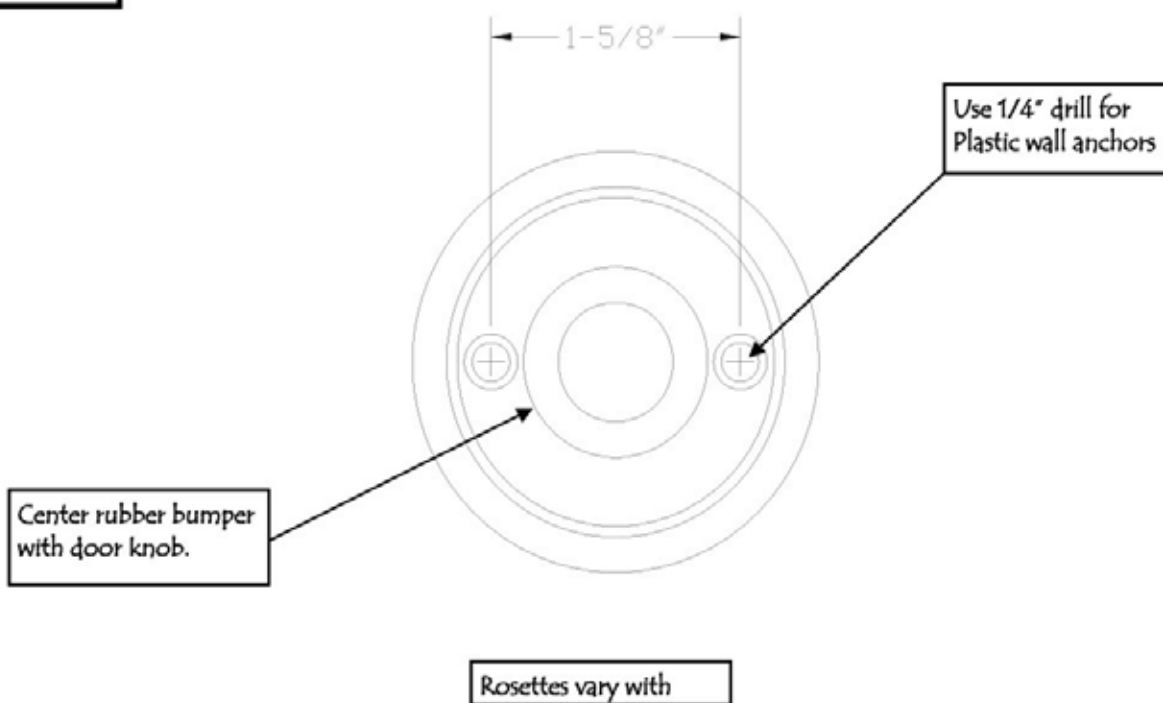


Outside Trim

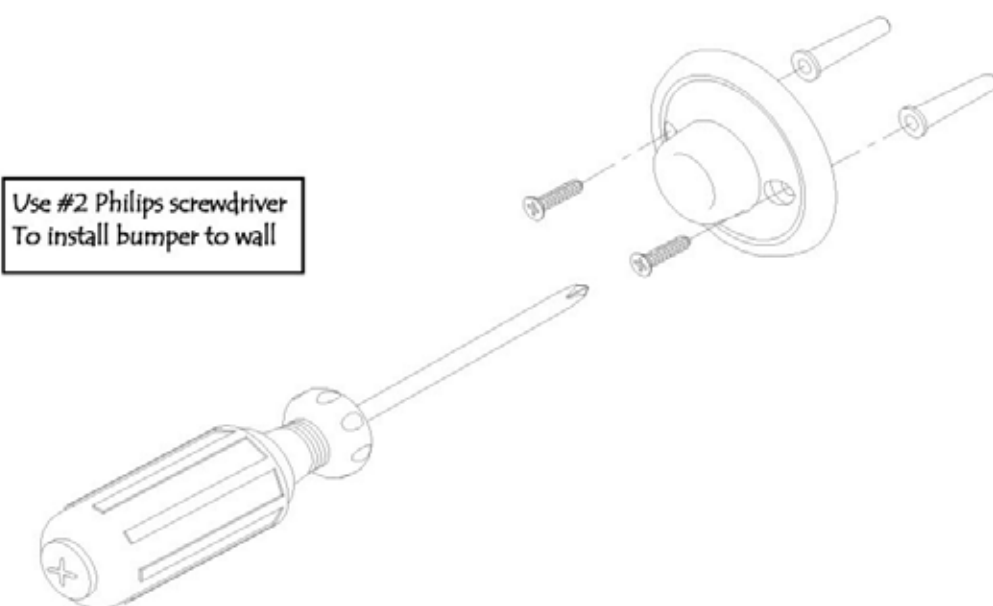
Attach outside slot cover with screws provided.
Note: outside cover is spring loaded.



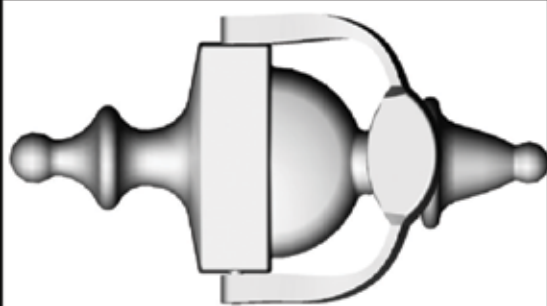
Drill Holes



Install Door Bumper



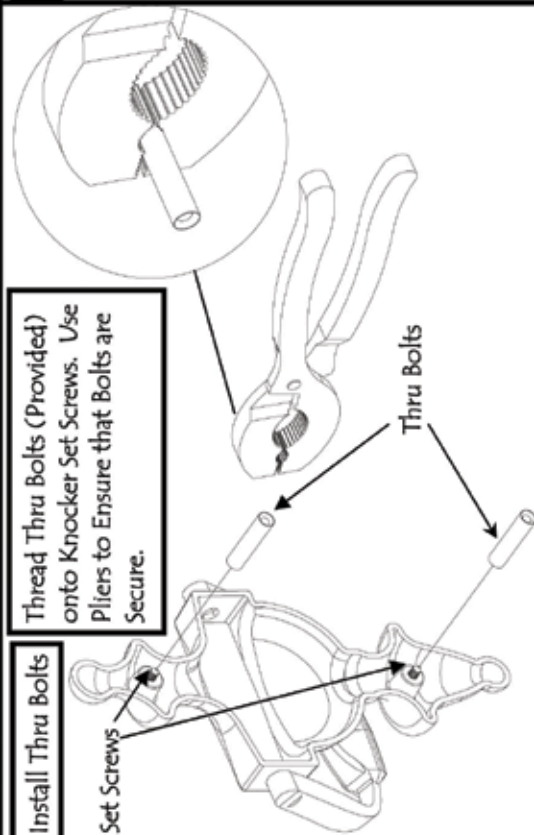
Installation Instructions—Door Knocker – Urm Style – 2620



Install Thru Bolts

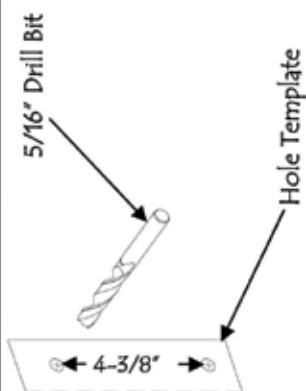
Set Screws

Thread Thru Bolts (Provided) onto Knocker Set Screws. Use Pliers to Ensure that Bolts are Secure.

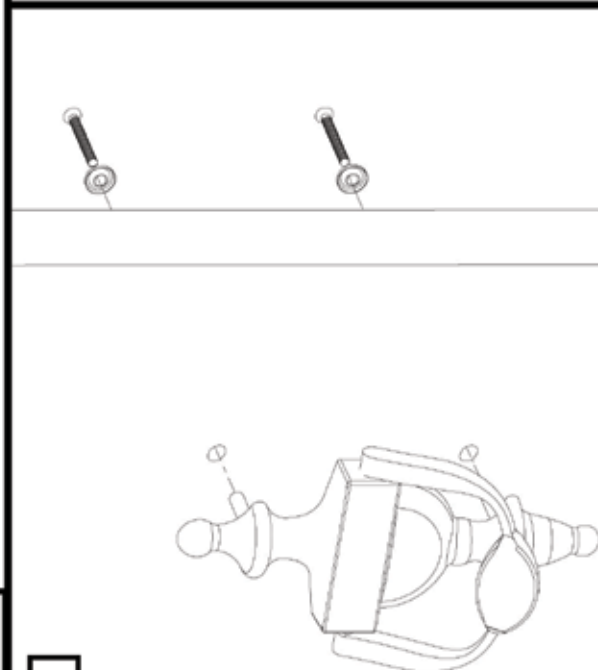


Drill Holes In Door

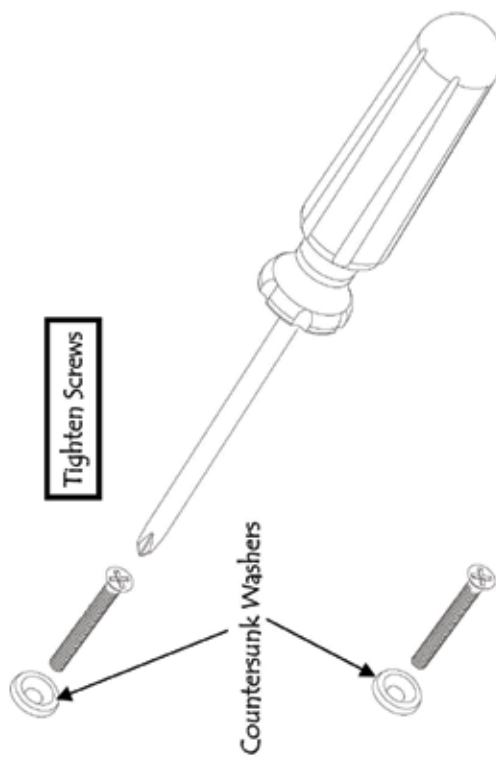
Using Hole Template (Bottom of This Page) Drill Two Holes with a 5/16" Drill Bit.



Knocker Installation



Knocker Installation

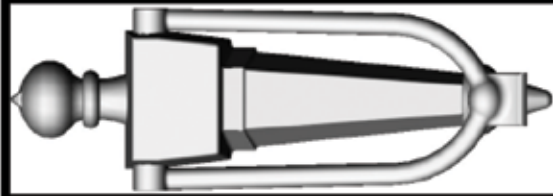


5/16" Drill Hole

Hole Template

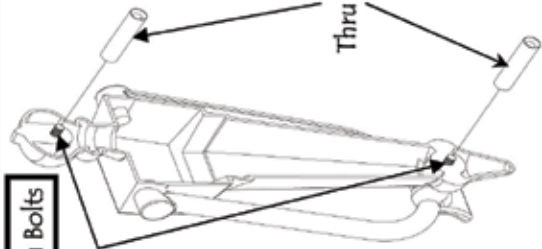
4-3/8"

5/16" Drill Hole



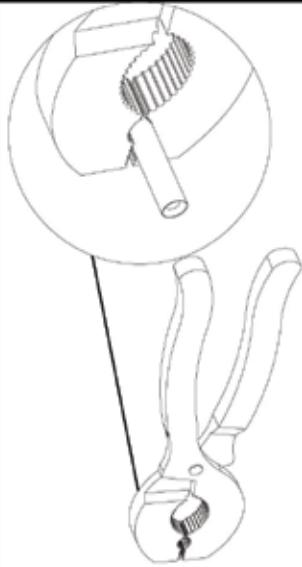
Install Thru Bolts

Set Screws



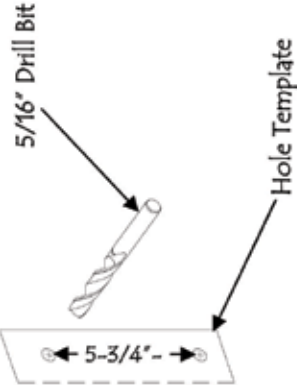
Thru Bolts

Thread Thru Bolts (Provided) onto Knocker Set Screws. Use Pliers to Ensure that Bolts are Secure.

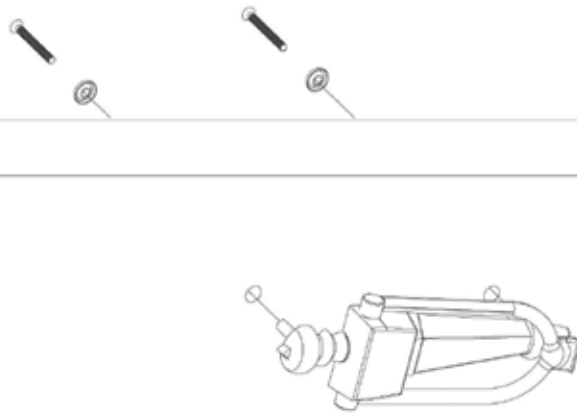


Drill Holes In Door

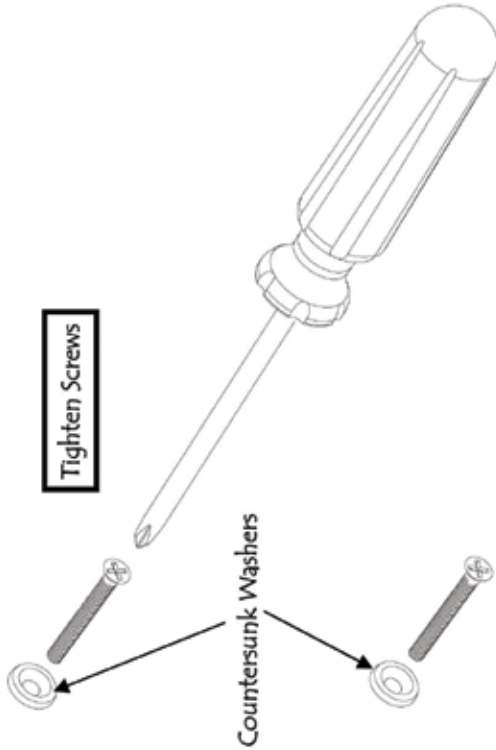
Using Hole Template (Bottom of This Page) Drill Two Holes with a 5/16" Drill Bit.



Knocker Installation



Knocker Installation

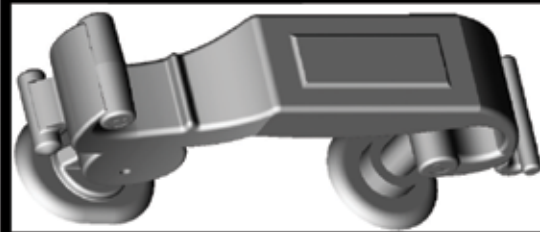


Tighten Screws

Countersunk Washers



Hole Template



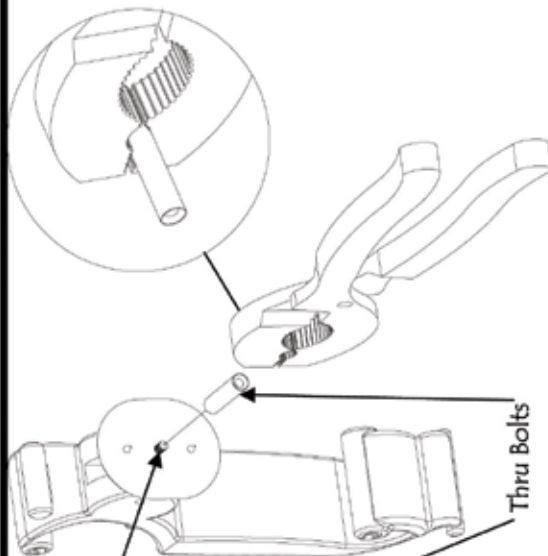
Install Thru Bolts

Set Screws

Strikeplate

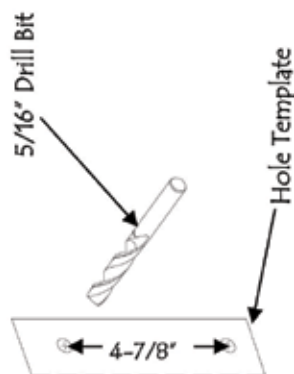
Thread Thru Bolts (Provided) onto Knocker & Strikeplate Set Screws. Use Pliers to Ensure that Bolts are Secure.

Thru Bolts

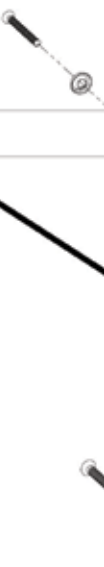


Drill Holes In Door

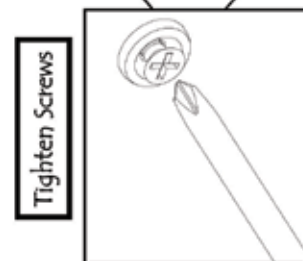
Using Hole Template (Bottom of This Page) Drill Two Holes with a 5/16" Drill Bit.



Knocker Installation



Knocker Installation



Tighten Screws

Countersunk Washers

Strikeplate

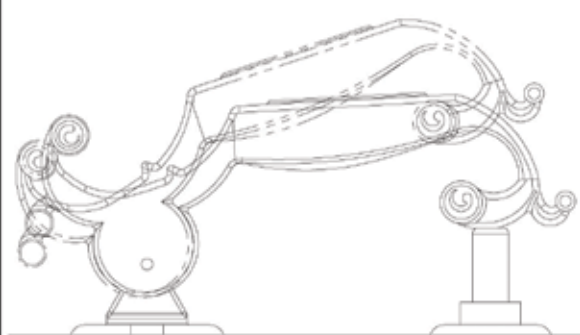
Knocker

5/16" Drill Hole

4-7/8"

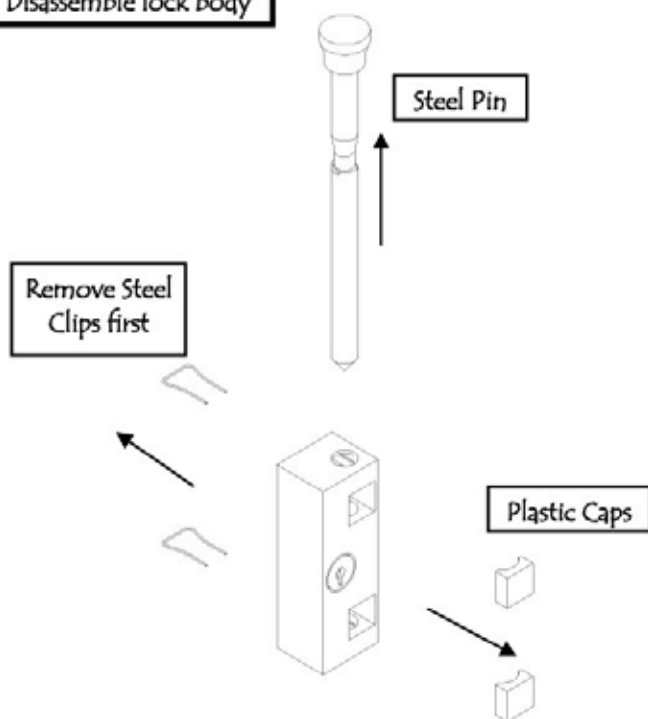
Hole Template

5/16" Drill Hole



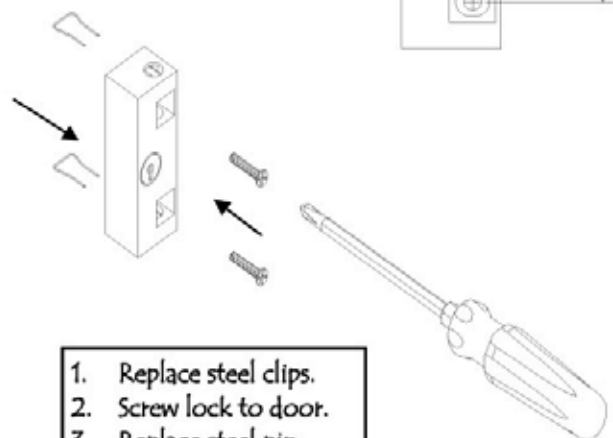
Installation Instructions-Patio Door Lock

Disassemble lock body



Install & Reassemble Lock

Use 5/32 drill two places to accept #10-32 sheet metal screws (provided).



1. Replace steel clips.
2. Screw lock to door.
3. Replace steel pin.
4. Replace plastic caps.

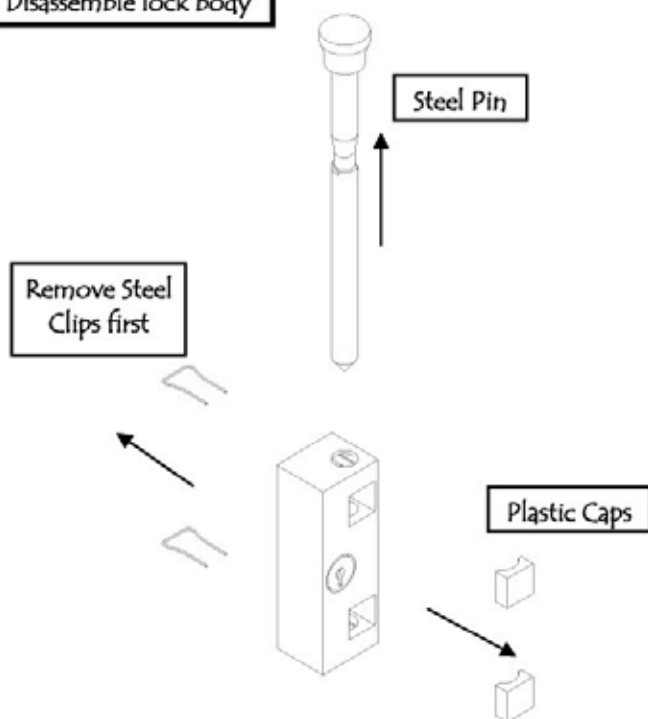
EMTEK
ASSA ABLOY

IN4-PATIODOOR

REV. 03-12-09

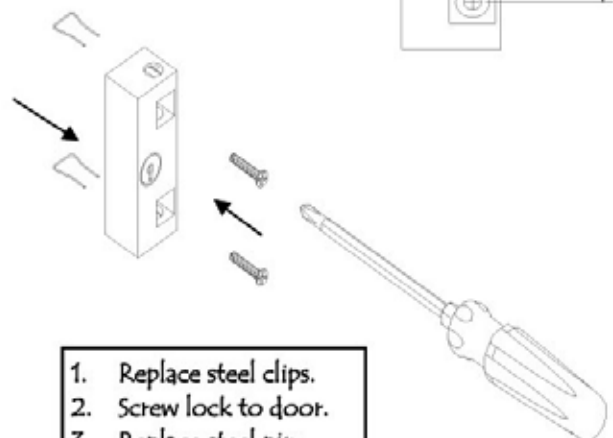
Installation Instructions-Patio Door Lock

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EMTEK
ASSA ABLOY

IN4-PATIODOOR

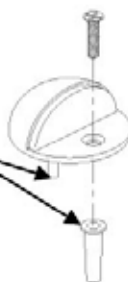
REV. 03-12-09

Installation Instructions-Door Bumpers

Low Base Style Door Bumper



Drill two 1/4" holes on floor 3/4" apart for metal stud & plastic anchor.

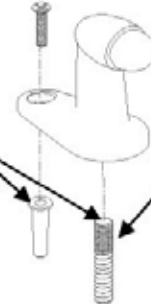


Note: Before drilling, determine the best location for bumper that suits your door stop needs.

Duck Style Door Bumper



Drill two 5/16" holes on floor 7/16" apart for stud & plastic anchor.



Install threaded stud to bumper

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ASSA ABLOY

IN4-DOORBUMPERS

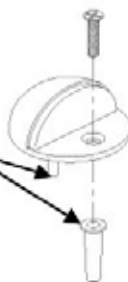
REV. 03-12-09

Installation Instructions-Door Bumpers

Low Base Style Door Bumper



Drill two 1/4" holes on floor 3/4" apart for metal stud & plastic anchor.



Note: Before drilling, determine the best location for bumper that suits your door stop needs.

Duck Style Door Bumper



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Install threaded stud to bumper

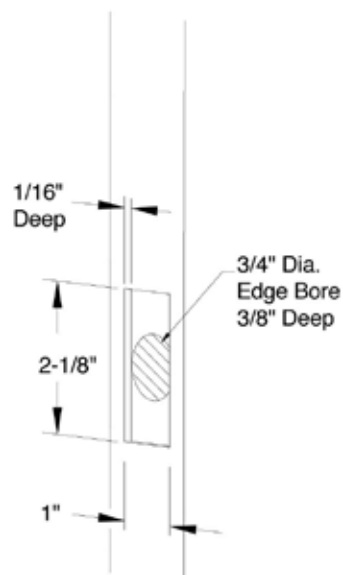
EMTEK
ASSA ABLOY

IN4-DOORBUMPERS

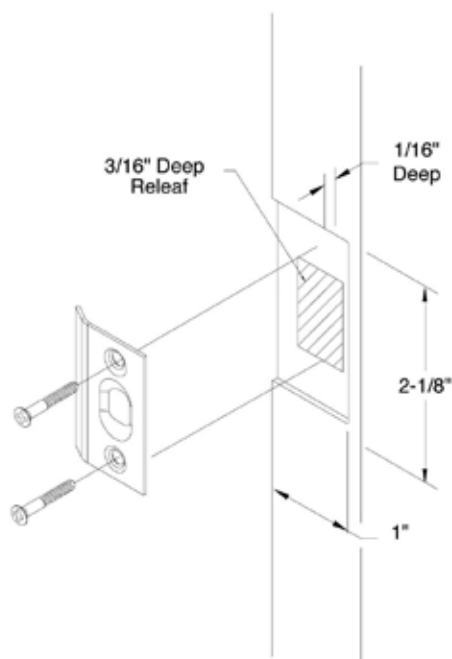
REV. 03-12-09

Installation Instructions-Ball Catch

Door Prep

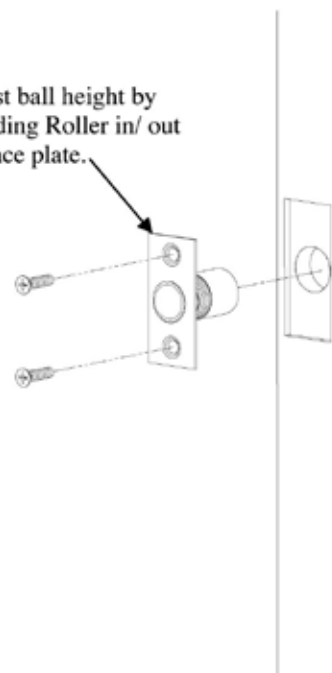


Door Jamb Prep



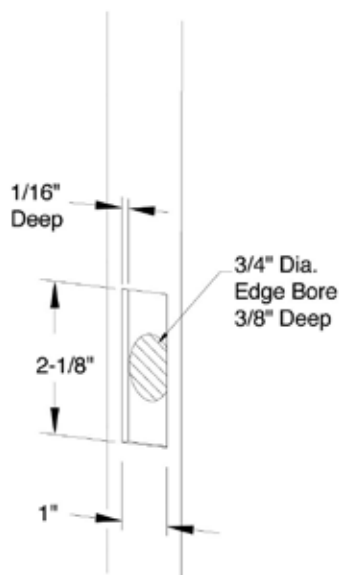
Install Ball Catch

Adjust ball height by threading Roller in/ out of Face plate.

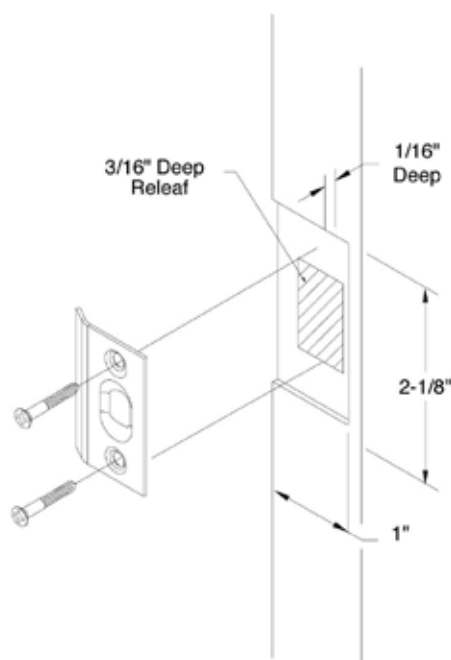


Installation Instructions-Ball Catch

Door Prep

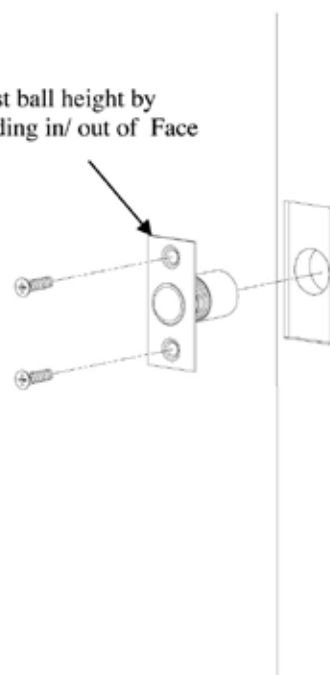


Door Jamb Prep



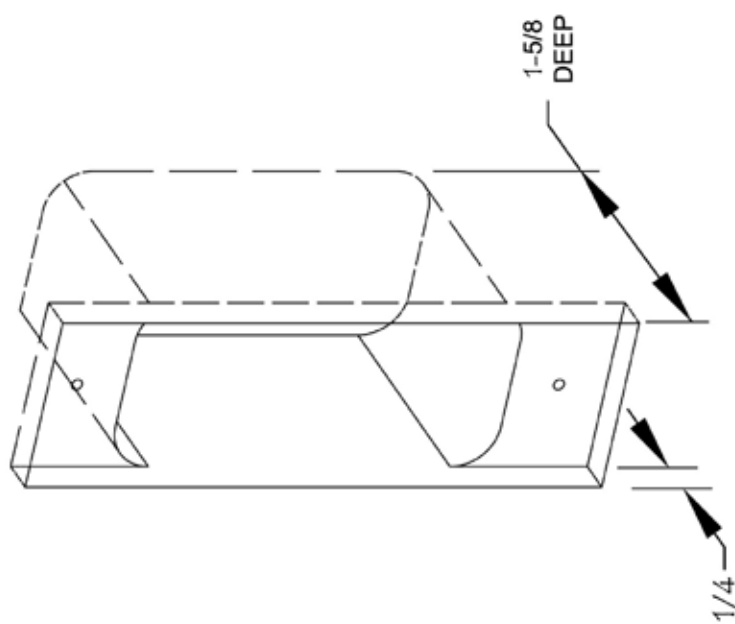
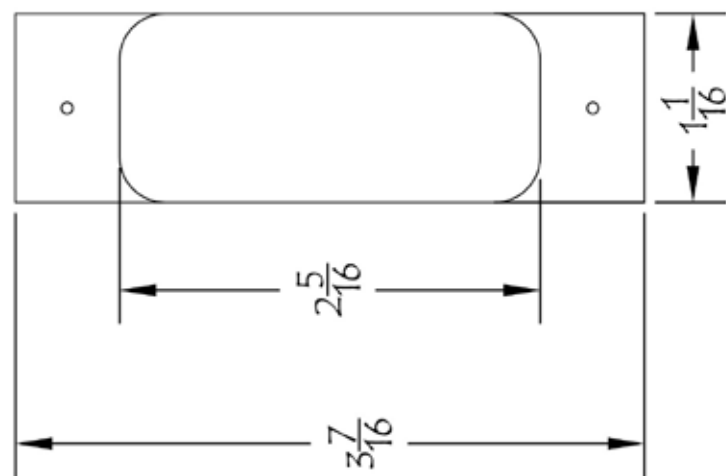
Install Ball Catch

Adjust ball height by threading in/ out of Face Plate.

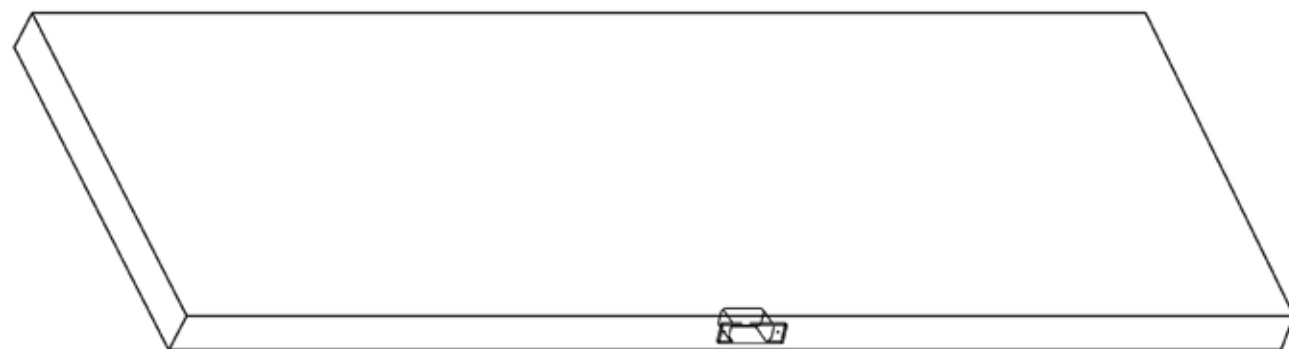
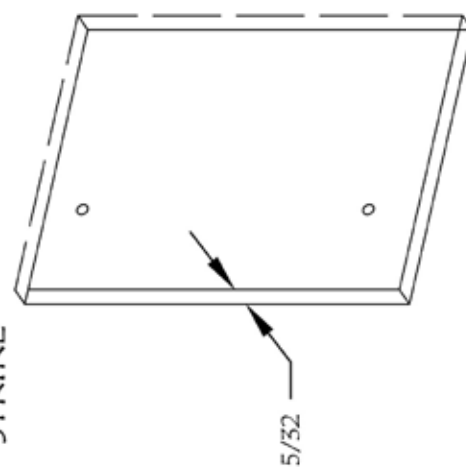
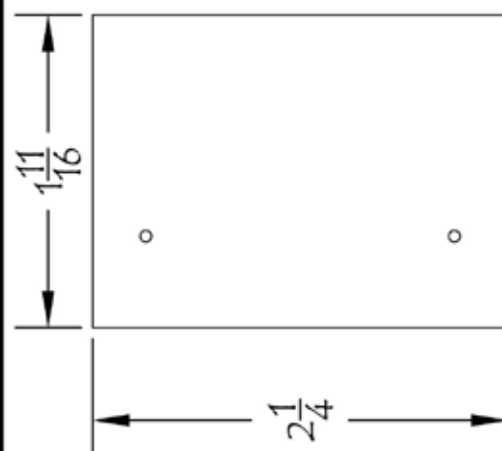


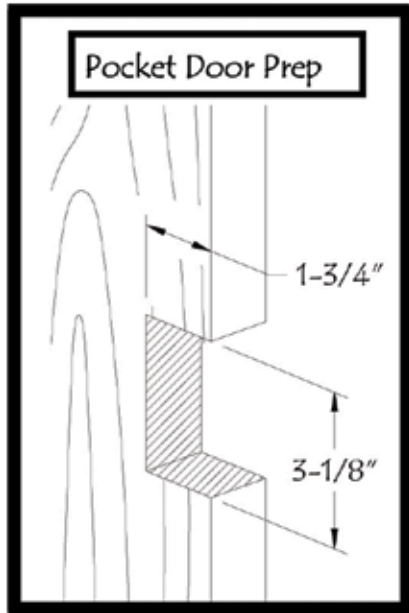
TEMPLATE - ROLL CATCH

ROLLER CATCH



STRIKE

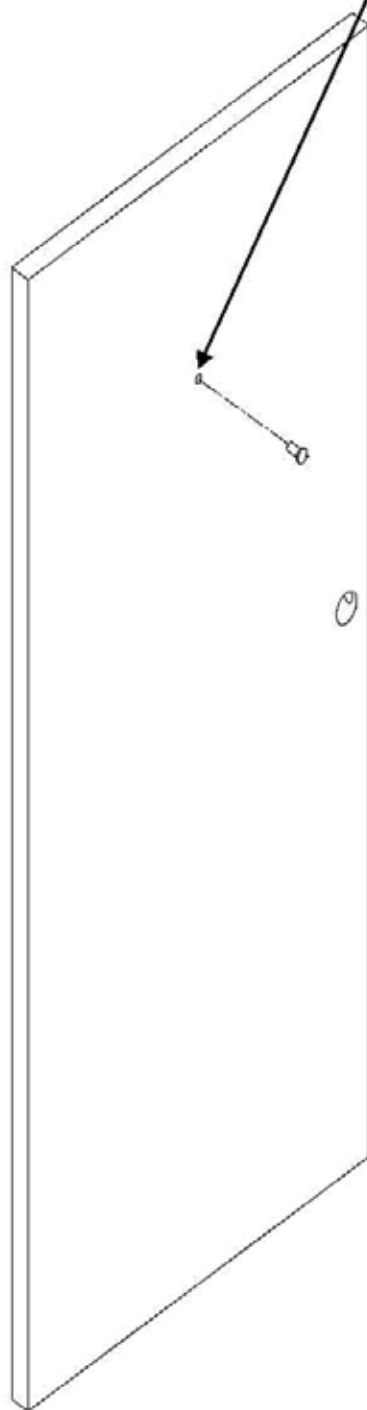




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Inside View

Drill 5/8" thru hole for viewer on center of door at approx. eye level.

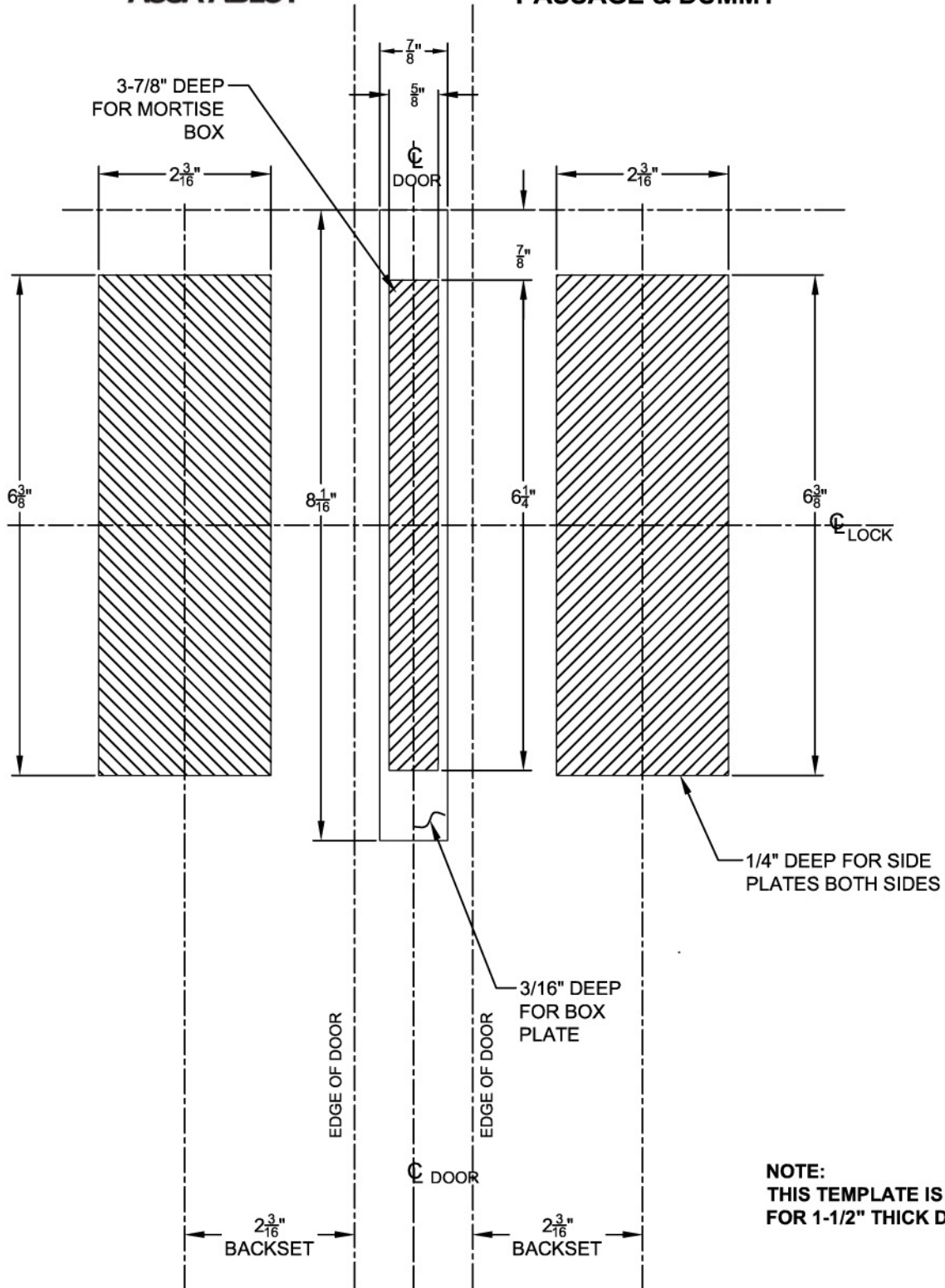


Outside View

Install both ends of viewer in door. Screw together and tighten.



**POCKET DOOR MORTISE
HOLE PREPARATION
PASSAGE & DUMMY**

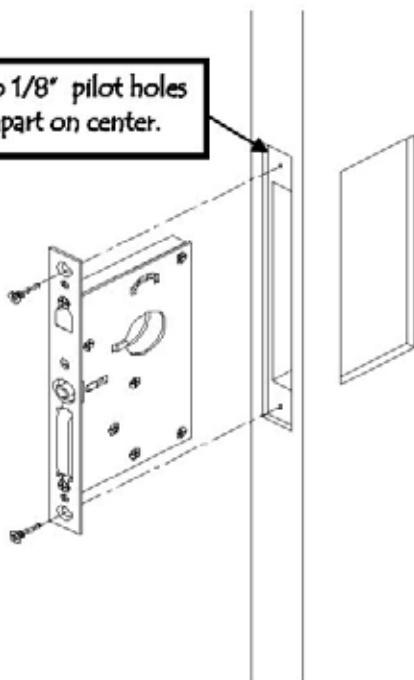


NOTE:
THIS TEMPLATE IS DESIGNED
FOR 1-1/2" THICK DOOR.

*** NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.**

See included template for door prep specifications

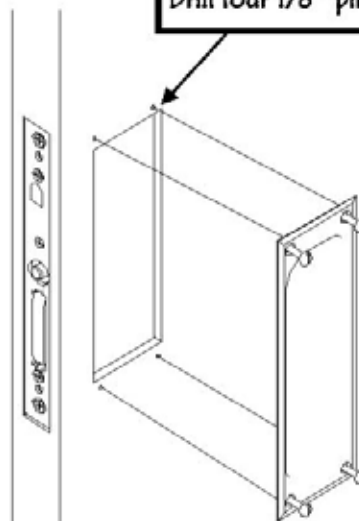
Drill two 1/8" pilot holes
7-1/8" apart on center.



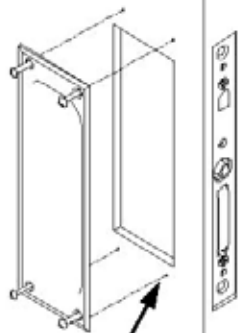
Install lock body into door.

Inside Trim

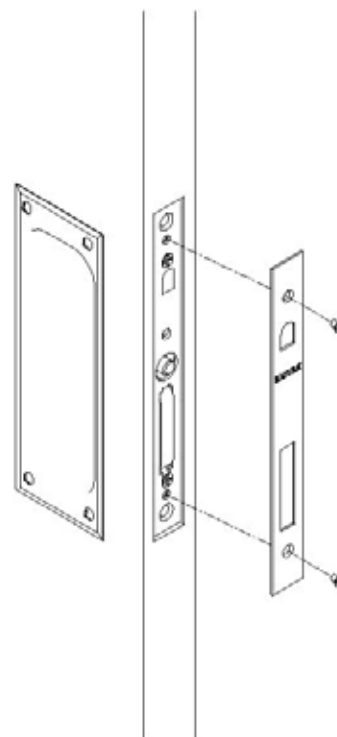
Drill four 1/8" pilot holes



Outside Trim



Drill four 1/8" pilot holes



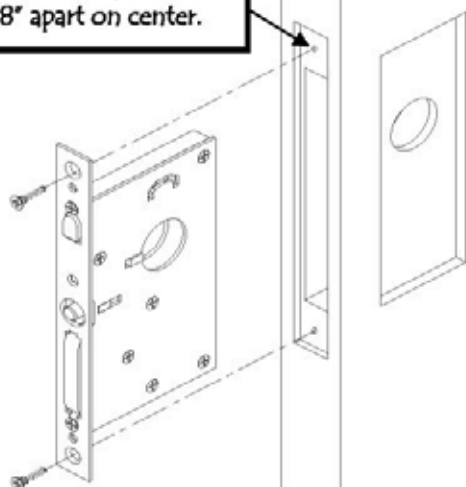
Secure Trim Plate with 6-32
Machine screws (provided).

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Installation Instructions - Pocket Door Mortise Lock, Privacy

See included template for door prep specifications

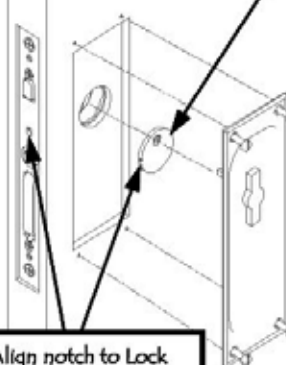
Drill two 1/8" pilot holes
7-1/8" apart on center.



Install lock body into door.

Inside Trim

Place Thumb-Turn Medallion into lock body.



Align notch to Lock
Body and tighten
locking screw Counter
Clockwise to engage
notch
NOTE: DO NOT
OVER TIGHTEN

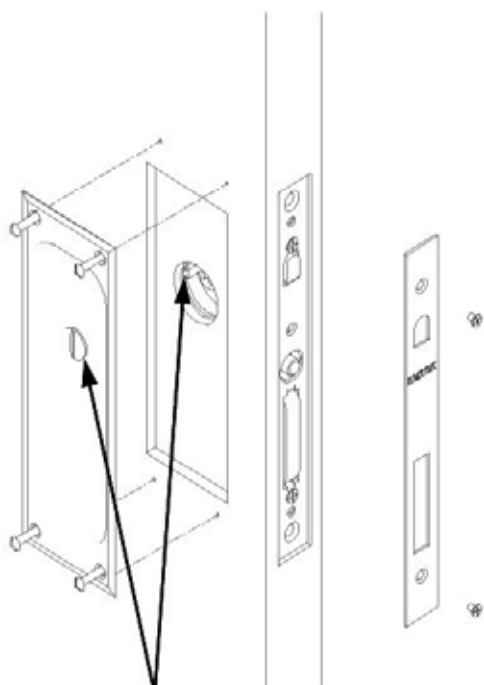
Tapered Spring



Thumb-Turn
Spindle

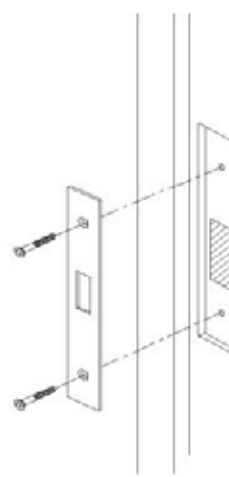
Opposite side of Trim

Outside Trim



Align Passage/ Privacy Button with Thumb-Turn
Spindle and secure trim plates to door.

Door Jamb Prep.



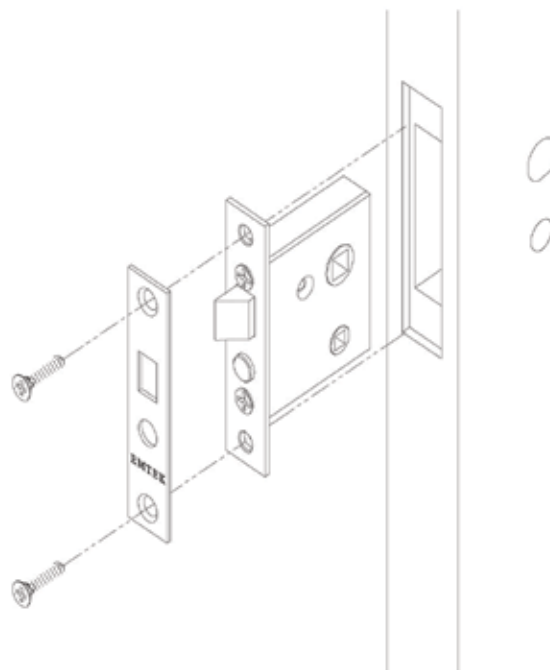
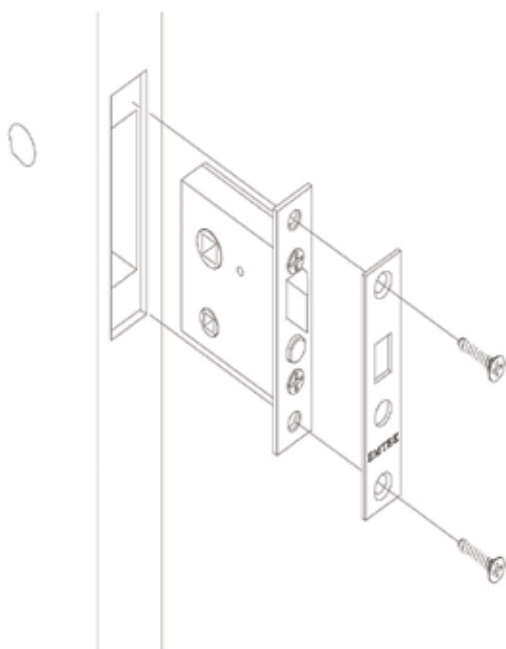
Drill two 1/8" pilot holes for wood screws provided).

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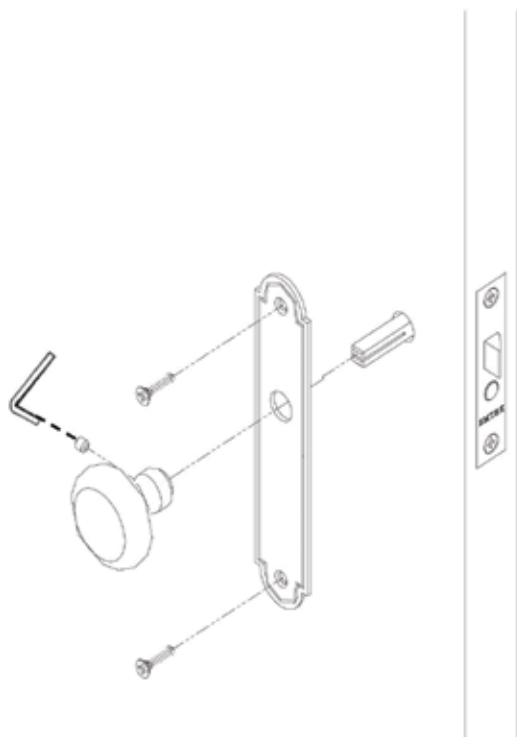
Outside

See template for door prep specifications

Inside

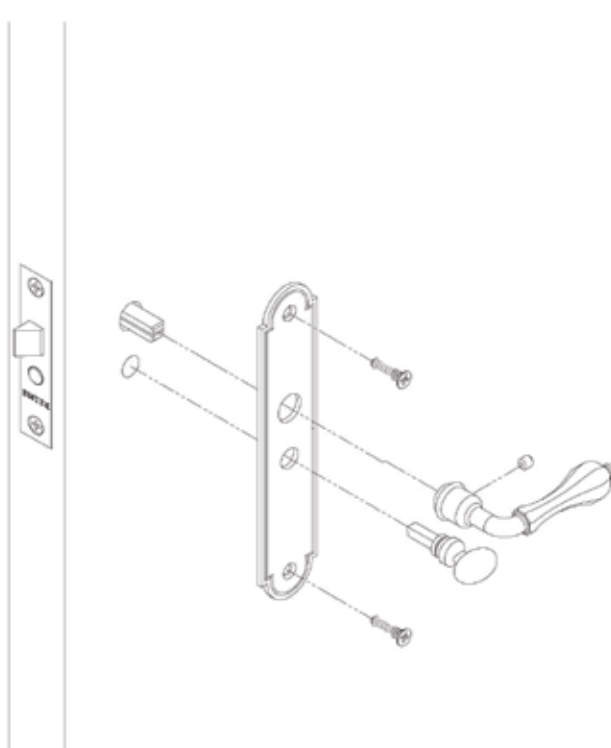


Outside Trim



Secure knob & Lever to spindle stem with Allen Wrench (provided)

Inside Trim

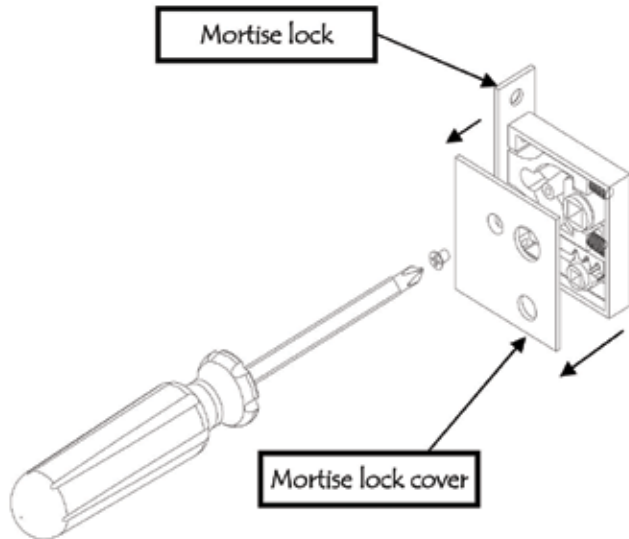


Plates and grips vary depending on style.

Screen Door Mortise Lock Installation Guide

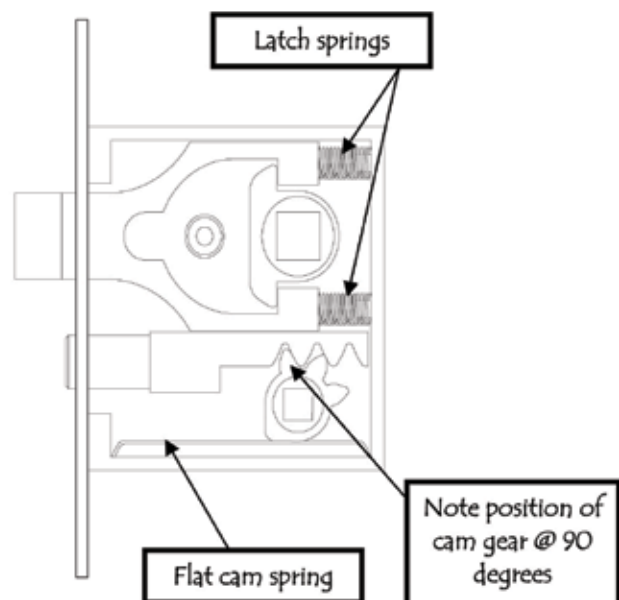
Step 1

To change latch configuration for left handed door:



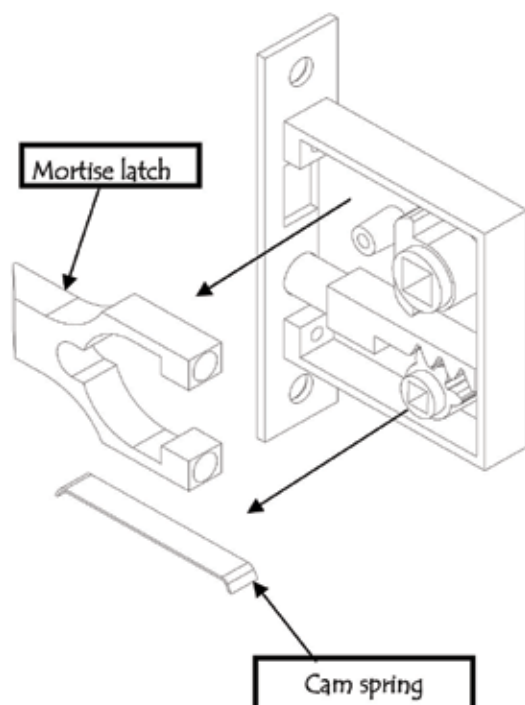
Remove mortise lock cover with Phillips screwdriver

Step 2



Depress and remove latch springs & cam spring
Using needle nose pliers

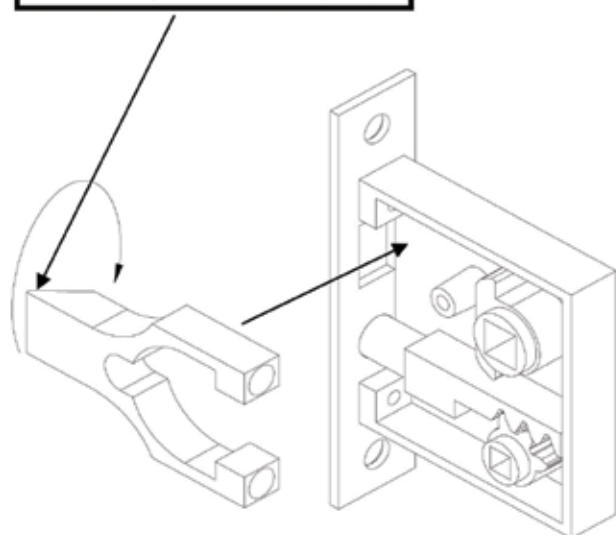
Step 3



With all the springs removed, lift latch from mortise box

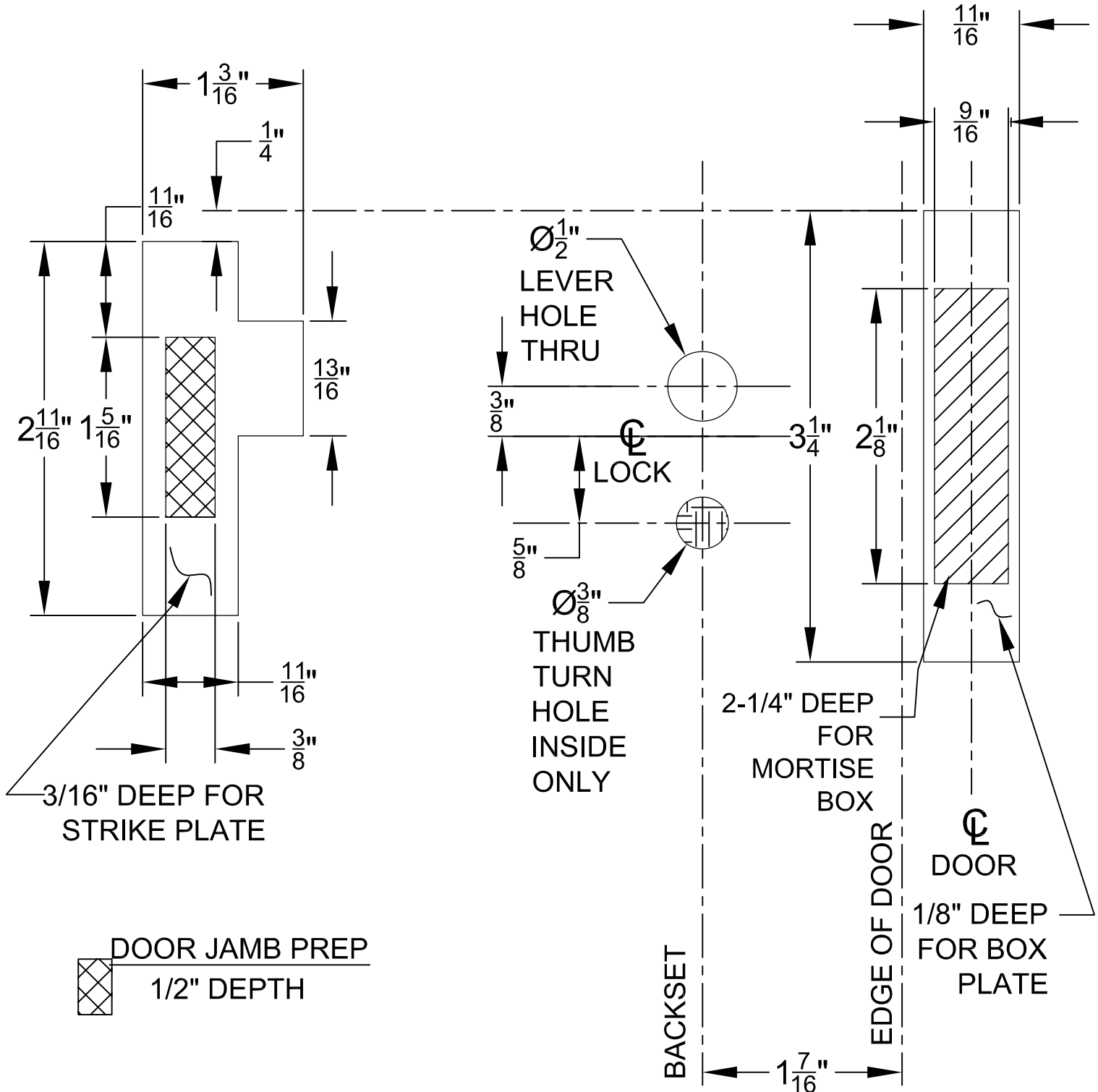
Step 4

Note new latch nose orientation



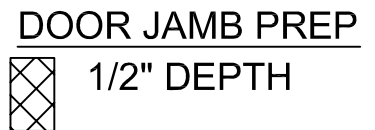
Rotate latch as shown & reverse steps 1-3 to reassemble

ACTIVE SCREEN DOOR MORTISE LOCK HOLE PREPARATION (LEFT HAND)*



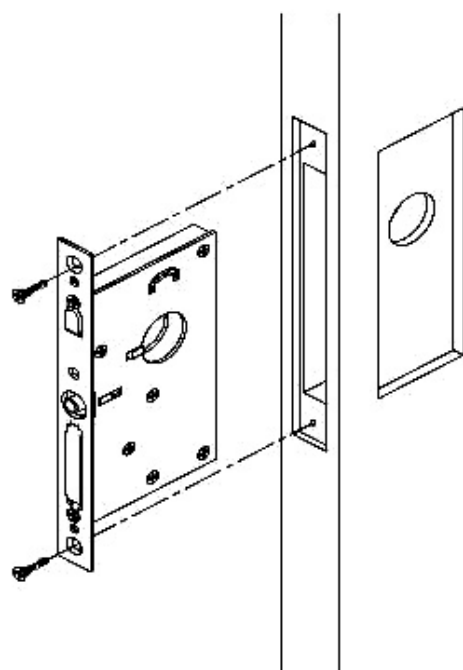
NOTE:
THIS TEMPLATE IS DESIGNED FOR USE ON 1" THICK DOOR.

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ASSA ABLOY



IN4-SCREENDOOR-R 05-09-08

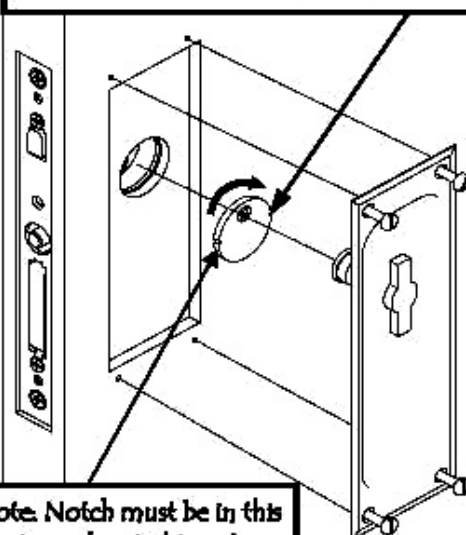
See included template for door prep specifications



Install lock body into door.

Inside Trim

Thread Drive Bar Cylinder into lock body.
NOTE: Drive Bar Socket must be positioned up.

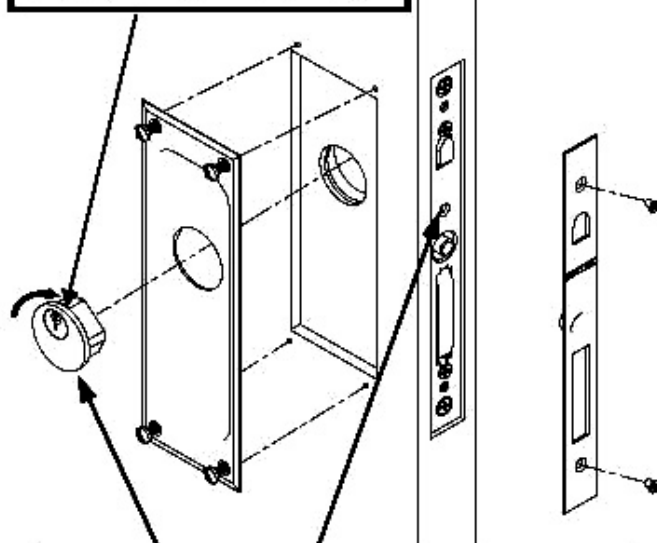


Note: Notch must be in this position when tightened.

Drill pilot holes for wood screws (provided).

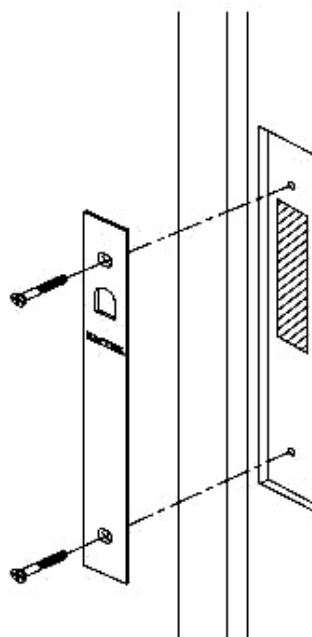
Outside Trim

Note: Key Cylinder must be in a upward position when tightened.



Thread Cylinder into lock body & tighten screw
Counter clockwise to engage notches on cylinder.
NOTE: DO NOT OVER TIGHTEN SCREW.

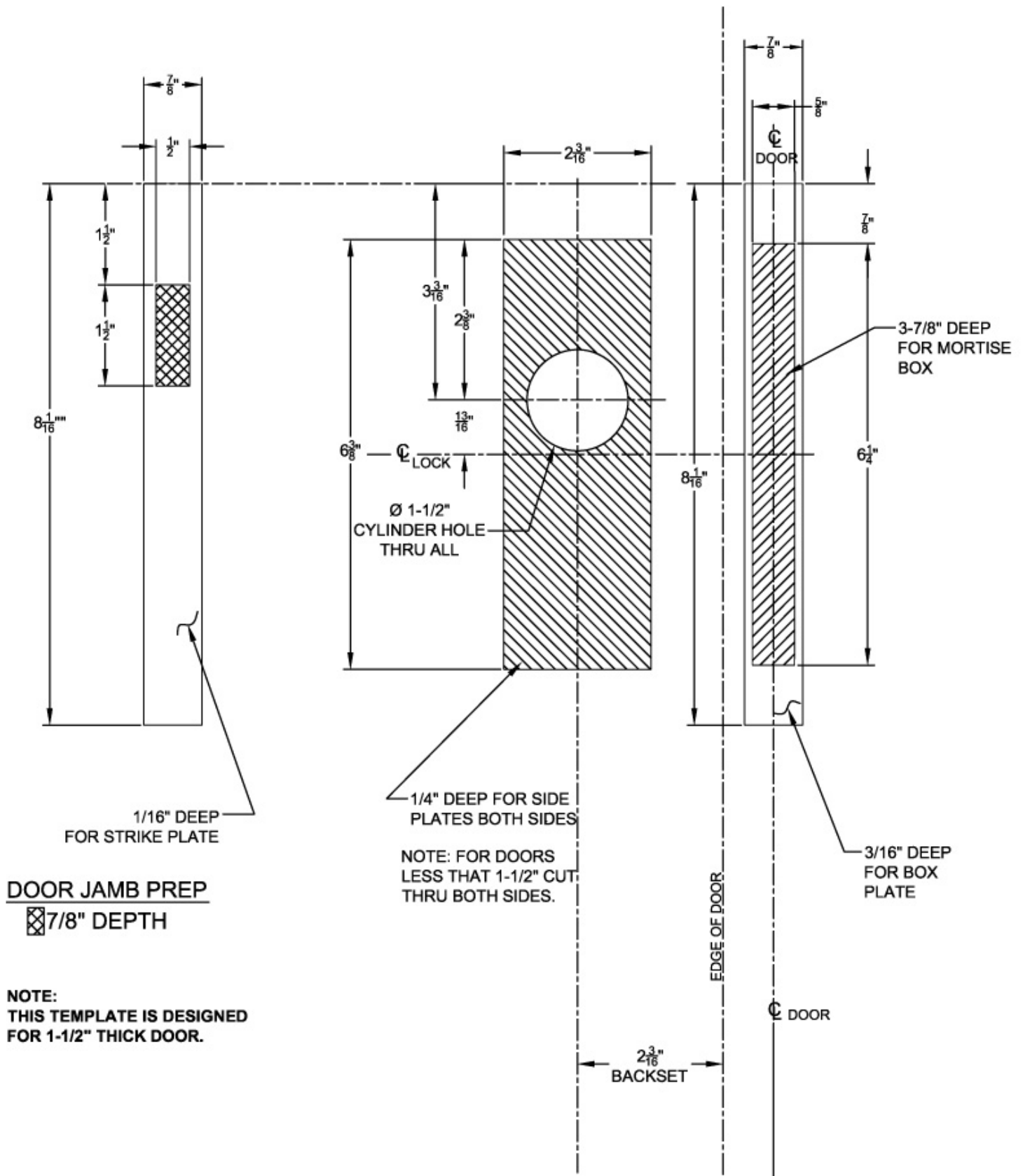
Door Jamb



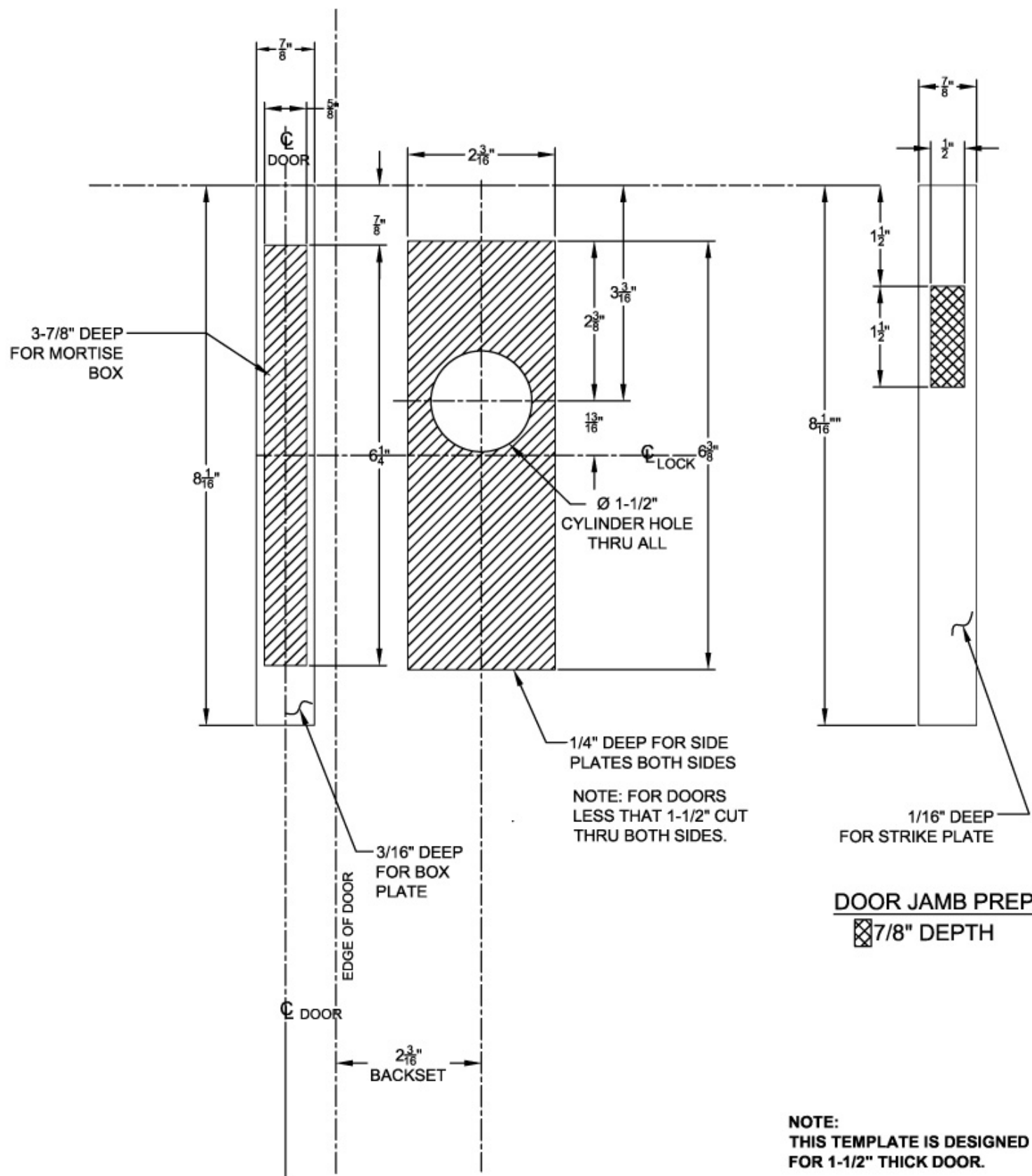
Drill pilot holes for wood screws (provided).

EMTEK
ASSA ABLOY

POCKET DOOR MORTISE HOLE PREPARATION - LEFT SIDE

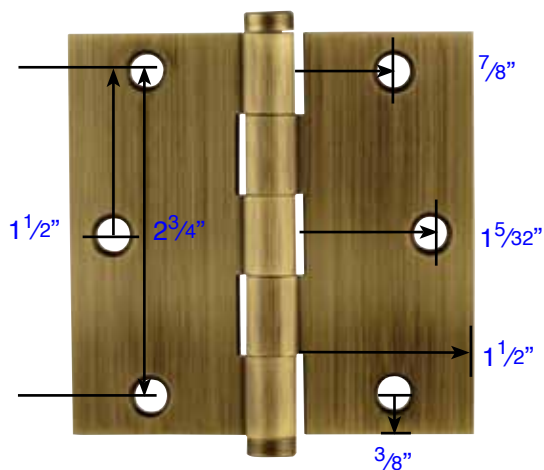


POCKET DOOR MORTISE HOLE PREPARATION - RIGHT SIDE



* NOTE: 8-1/2" X 11" COPY OF THIS
TEMPLATE NOT TO SCALE.

SOLID BRASS & PLATED STEEL HINGES



3 1/2" x 3 1/2"

Brass Residential Duty

Square Corner: 96113

1/4" Radius: 96123

5/8" : 96133

Brass Heavy Duty, Plain Bearing

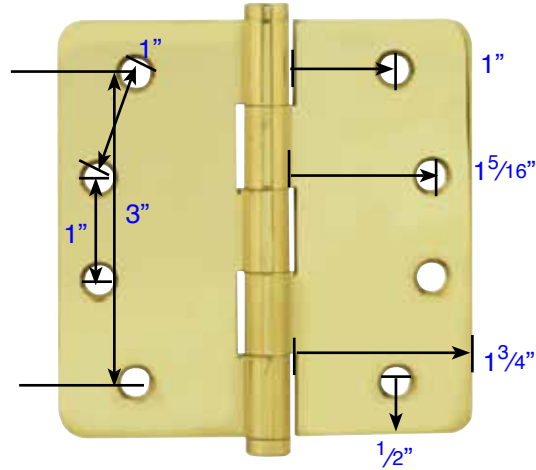
Square Corner: 96213

1/4" Radius: 96223

5/8" : 96233

Brass Heavy Duty, Ball Bearing

Square Corner: 96413



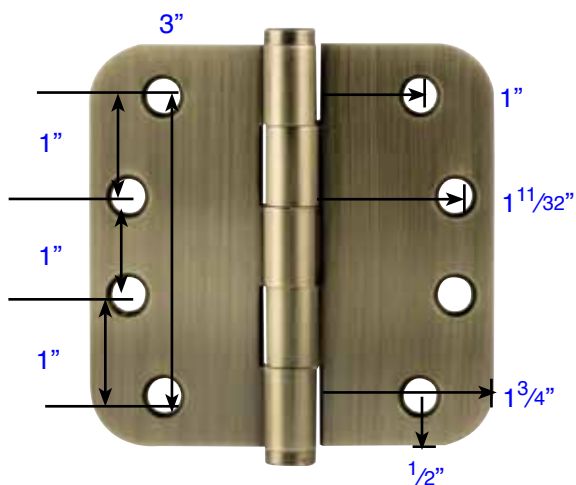
4" x 4"

Steel Residential Duty

Square Corner: 91014

1/4" Radius: 91024

5/8" : 91034



4" x 4"

Brass Residential Duty

Square Corner: 96114

1/4" Radius: 96124

5/8" : 96134

Brass Heavy Duty, Plain Bearing

Square Corner: 96214

1/4" Radius: 96224

5/8" : 96234

Brass Heavy Duty, Ball Bearing

Square Corner: 96414

Steel Heavy Duty, Plain Bearing

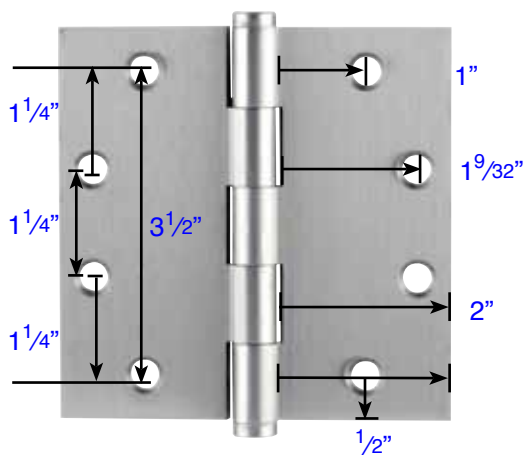
Square Corner: 92014

1/4" Radius: 92024

Steel Heavy Duty, Ball Bearing

Square Corner: 94014

1/4" Radius: 94024



4 1/2" x 4 1/2"

Brass Heavy Duty, Plain Bearing

Square Corner: 96215

1/4" Radius: 96225

Brass Heavy Duty, Ball Bearing

Square Corner: 96415

1/4" Radius: 96425

Steel Heavy Duty, Plain Bearing

Square Corner: 92015

1/4" Radius: 92025

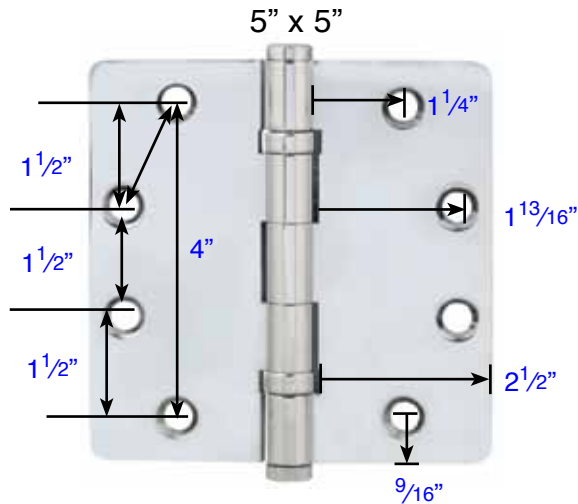
Steel Heavy Duty, Ball Bearing

Square Corner: 94015

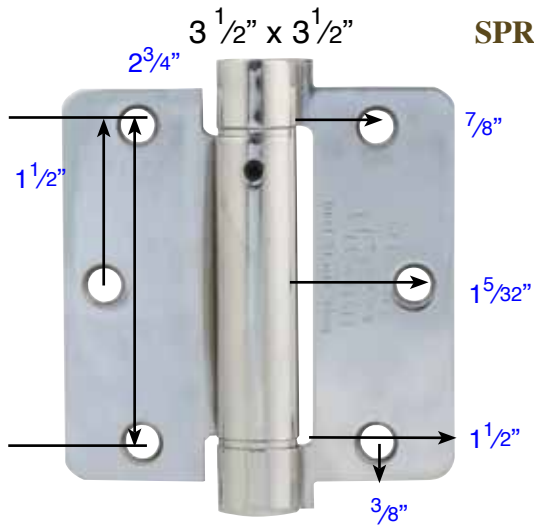
1/4" Radius: 94025

SOLID BRASS HINGES

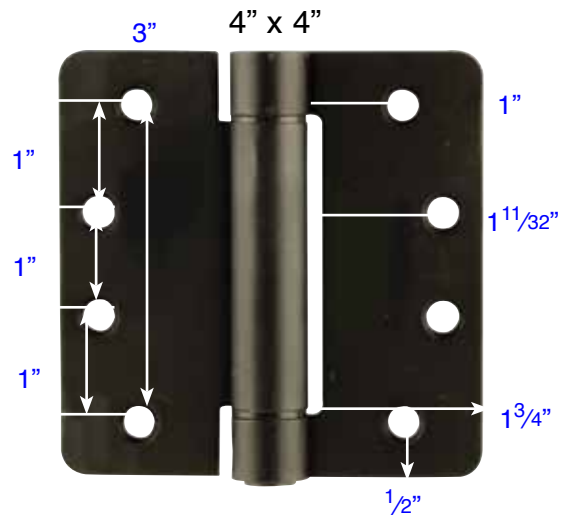
BALL BEARING, EXTRUDED 3 1/2" x 3 1/2", 4" x 4", 4 1/2" x 4 1/2", 5" x 5"



*Brass Heavy Duty, Ball Bearing
Square Corner: 96416*



SPRING HINGES



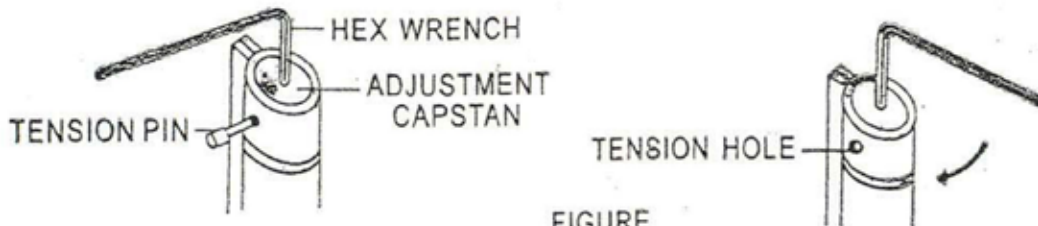
Brass Hinges

Hinges #	Description	Screw Dimensions
96113	3 1/2" x 3 1/2"	#9 x 3/4"
96123	Residential Duty	
96133	Plain Bearing	
96114	4" x 4"	#9 x 3/4"
96124	Residential Duty	
96134	Plain Bearing	
96213	3 1/2" x 3 1/2"	#10 x 1"
96223	Heavy Duty	
96233	Plain Bearing	
96214	4" x 4"	#12 x 1 3/4"
96224	Heavy Duty	
96234	Plain Bearing	
96215	4 1/2" x 4 1/2"	#12 x 1 3/4"
96225	Heavy Duty	
	Plain Bearing	
96413	3 1/2" x 3 1/2" Ball Bearing	#10 x 1"
96414	4" x 4" Ball Bearing	#12 x 1 3/4"
96415	4 1/2" x 4 1/2"	#12 x 1 3/4"
96425	Ball Duty	
96416	5" x 5"	#12 x 1 3/4"
	Ball Bearing	

Steel Plated Hinges

Hinges #	Description	Screw Dimensions
91013	3 1/2" x 3 1/2"	#9 x 3/4"
91023	Residential Duty	
91033	Plain Bearing	
91014	4" x 4"	#9 x 3/4"
91024	Residential Duty	
91034	Plain Bearing	
92013	3 1/2" x 3 1/2"	#10 x 1"
92023	Heavy Duty	
	Plain Bearing	
92014	4" x 4"	#12 x 1 1/4"
92024	Heavy Duty	
	Plain Bearing	
92015	4 1/2" x 4 1/2"	#12 x 1 1/4"
92025	Heavy Duty	
	Plain Bearing	
94033	3 1/2" x 3 1/2" Ball Bearing	#10 x 1"
94014	4" x 4" Ball Bearing	#12 x 1 1/4"
94024		
94015	4 1/2" x 4 1/2"	#12 x 1 1/4"
94025	Ball Duty	

SPRING HINGE



FIGURE

CAUTION:

- (A) DO NOT EXCEED THREE(3) HOLES TENSION FOR 180° DOOR OPENING, OR FOUR(4) HOLES TENSION FOR 90° OPENING.
 (B) ALWAYS ROTATE THE HEX WRENCH TO THE CLOCKWISE REGARDLESS OF RIGHT OR LEFT HAND DOOR APPLICATION.
- HINGE INSTALLATION: INSTALL HINGE IN NORMAL MANNER WITH THE ADJUSTMENT END OF HINGE UP, AS SHOWN ABOVE.
 - ADJUSTING SPRING TORQUE:
 - ADJUST TORQUE ONLY AFTER TO HINGE IS INSTALLED AND WITH DOOR CLOSED.
 - ROTATE ADJUSTMENT CAPSTAN TO THE CLOCKWISE BY HEX WRENCH TO ADJUST PROPER SPRING TENSION AND INSERT TENSION PIN INTO TENSION HOLE WITH TENSIONING HEX WRENCH AS SHOWN ON FIGURE.
 - REMOVE HEX WRENCH, AND TRY DOOR FOR CLOSING. TO ACHIEVE PROPER CLOSING FORCE. CHANGE ADJUSTMENT FROM ONE HOLE TO THE NEXT IN EITHER DIRECTION BY HEX WRENCH AS TENSION PIN IS REMOVED AND RESET.

MAXIMUM DOOR SIZE RECOMMENDED 3' - 0" WIDE X 7' - 0" HIGH

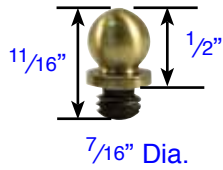
RECOMMENDED MAXIMUM DOOR WEIGHT(LBS.)			HINGE SELECTION	
			SPRING HINGES	BUTT HINGES
3.5 x 3.5	4 x 4	4.5 x 4.5		
50	60	70	1 EACH	2 EACH
70	85	115	2 EACH	1 EACH
90	110	150	3 EACH	NONE

NOTES:

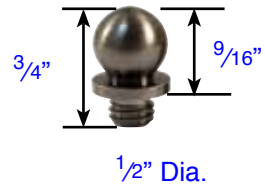
- Wind conditions, excessive air pressure on one side of an opening, weather stripping, or other adverse job conditions may require the use of all spring hinges.
- For maximum versatility, use all spring hinges.

BALL & STEEPLE TIPS-SOLID BRASS

3 1/2" & 4" Residential Duty
(97203 & 97204)



3 1/2" H.D & B.B
(97303)

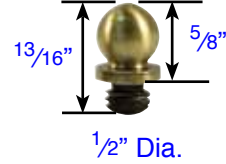


Threading is the same for all solid brass hinge tips

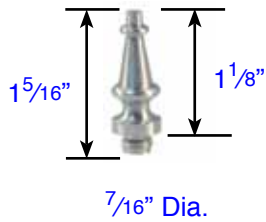
4" H.D & B.B
(97304)



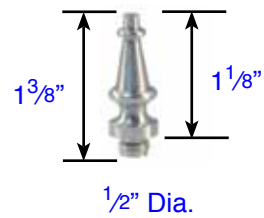
4 1/2" H.D & B.B
(97305)



3 1/2" & 4" Residential Duty
(97213 & 97214)

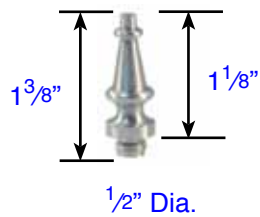


3 1/2" H.D & B.B
(97313)

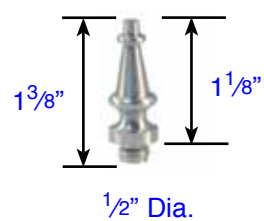


Threading is the same for all solid brass hinge tips

4" H.D & B.B
(97314)



4 1/2" H.D & B.B
(97315)



BALL & STEEPLE TIPS - PLATED STEEL

$\frac{9}{16}$ " Dia. $\frac{17}{32}$ "

3 $\frac{1}{2}$ " Ball Tip
(94103)

$\frac{9}{32}$ " Pin Dia.

$\frac{35}{64}$ "

4" Ball Tip
(94104)

$\frac{9}{32}$ " Pin Dia.

$\frac{9}{16}$ " Dia. $\frac{11}{16}$ "

4 $\frac{1}{2}$ " Ball Tip
(94105)

$\frac{5}{16}$ " Pin Dia.

$\frac{9}{16}$ " Dia. $1\frac{5}{16}$ "

3 $\frac{1}{2}$ " Ball Tip
(94103)

$\frac{9}{32}$ " Pin Dia.

$\frac{9}{16}$ " Dia. $1\frac{11}{32}$ "

4" Ball Tip
(94114)

$\frac{9}{32}$ " Pin Dia.

$\frac{9}{16}$ " Dia. $1\frac{11}{32}$ "

4 $\frac{1}{2}$ " Ball Tip
(94115)

$\frac{5}{16}$ " Pin Dia.

LIMITED WARRANTY

Emtek Products, Inc. (the "Company") warrants to the original purchaser that, except for products with Rust, Deep Burgundy, Medium Bronze, Flat Black Patina and Silver Patina finishes, the products manufactured by it (the "Products") are free of defects in material and workmanship, provided:

1. the Company has been notified within five years of purchase date and has been given the opportunity of inspection by return of any alleged defective Products to the Company, free and clear of all liens and encumbrances, transportation prepaid, accompanied by a statement of defects and proof of purchase; and
2. the Product has not been modified, abused, misused or improperly installed, maintained and/or repaired during such period; and

There is no warranty on Rust, Deep Burgundy, Medium Bronze, Flat Black Patina and Silver Patina finishes.

The Company shall, at its option, either repair or replace, free of charge, any Products or part thereof found upon the Company's inspection, to be so defective, or at the Company's sole discretion refund the purchase price, less a reasonable allowance for depreciation, in exchange for the Product.

The Company makes no other warranty, and all implied warranties including any warranty of merchantability or fitness for a particular purpose are limited to the duration of the expressed warranty period as set forth above.

The Company's maximum liability hereunder is limited to the purchase price of the product. In no event shall the Company be liable for any consequential, indirect, incidental or special damages of any nature arising from the sale or use of the product, whether in contract, tort, strict liability or otherwise.

Notes:

A. Some states do not allow limitations on incidental consequential damages or how long an implied warranty lasts so that the above limitations may not fully apply.

B. This warranty gives specific legal rights and a buyer may also have other rights which may vary from state to state.

C. For warranty service and shipping instructions contact Emtek Products, Inc. at:

15250 E. Stafford Street, City of Industry, CA 91744, (626)961-0413.



15250 E. Stafford Street • City of Industry • CA 91744
Tel: 800-356-2741 • 626-961-0413
Fax: 800-577-5771 • 626-336-2812
www.emtek.com